

ManTech

IT Commercial Price List
ManTech International Corporation
November 2022

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PORTAL CONTENT MANAGEMENT SERVICES

Portal Content Management Services – Onsite/Customer site support including:

Network Engineering Services and Administration Support

- Encompasses the Digital Library System TCP/IP network
- Includes customized integration and WAN distribution of non-network based commercial application databases.

Product Installation Services

- Level of product installation service dependent on specific requirements.

Training for Support and End-users

- Provided on-site
- Customized to the application and audience
- Remote training and troubleshooting applications also included

Maintenance of a bank of URL links

- URLs are built, tested, stored, maintained and available to users via the portal
- Service includes up to 150 links
- Service for greater than 150 links is available in increments of up to 50 links

Documentation of services provided

- Provided to the customer annually in electronic format

Unit Prices:

Up to 150 links:	\$530,000
Additional 50 links:	\$180,000

These prices are for work at a customer facility, using customer-provided equipment. Prices are set for a 1-year contract period. Payments may be made in one up-front, lump sum amount; or as a monthly payments, at the beginning of each month. At any time during the contract period, you may purchase a higher level of service for the duration of the established contract period. At the end of the established contract period, new services terms may be elected, and a new contract term will be set.

DECISIONPOINT® – PRICING INFORMATION

What is DecisionPoint®?

DecisionPoint is a secure, web-based collaboration tool which reduces protest risk and increases award schedule efficiency for government agency contract teams. Government entities of all sizes rely on the security, functionality, and efficiency of DecisionPoint to support their source selection strategies and success.

Who does DecisionPoint® target?

DecisionPoint is designed for federal agency program managers and contracting officers that supervise evaluation teams during the source selection process. By using DecisionPoint agency officials are able to assess evaluation team progress and quality, while reducing cycle time to meet award schedules.

The ultimate test of any contract award decision is the agency's ability to stand up to protest. With DecisionPoint, agencies can virtually eliminate this worry.

DecisionPoint is a powerful, collaborative source selection management solution, enabling government agencies to streamline operations and optimize evaluation efficiency. DecisionPoint significantly exceeds all source selection regulatory requirements.

Standardized evaluation templates and intuitive workflow routines ensure both consistent proposal evaluation and strict compliance to award evaluation criteria. A structured approach to process integrity and comprehensive audit trails ensures quality and control. Protests are not only less likely, they are less likely to succeed. In fact, to date, no protest has ever been sustained where DecisionPoint has been utilized.

Sophisticated paperless functionality. Unparalleled process integrity. Bulletproof security. Fast, flexible implementation. Streamlined performance and collaborative ease-of-use. Little or no IT investment or ramp up. And unwavering commitment to automated source selection. Introducing DecisionPoint.

Benefits:

- Eliminate protests
- Increase evaluation efficiency
- Maximize online collaboration
- Provide comprehensive documentation
- Focus efforts on the quality and substance of the evaluation; not administration, process and logistics

Features:

User-Friendly Interface. The DecisionPoint interface is intuitive, straightforward and consistent. The tool uses standardized input templates that promote documentation quality and consistency, reducing the administrative burden on source selection management. User training and orientation sessions help team members feel comfortable and confident with the tool from the first day of the source selection. DecisionPoint enables evaluation teams to focus on the quality and substance of their evaluations, not on source selection administration, process and logistics.

Facilitates Process Integrity. By tailoring to the agency's environment and ways of doing business, DecisionPoint helps enforce the evaluation team's source selection process. Evaluator strengths, weaknesses ratings and risks clearly link to RFP evaluation criteria.

Rapid Online Consensus. DecisionPoint delivers an efficient consensus process to facilitate collaboration

between acquisition teams. Through built in reporting, integrated messaging and bulletin board functionality, customers are able to facilitate effective communication between managers and end- users. Consensus findings are easily posted and interactively accessible to the entire team in real-time, displaying progress and status metrics.

Online Library and Data Warehouse. DecisionPoint lets customers create and securely maintain an online reference library of agency and offeror documents in a searchable, structured format that maintains 100% source document integrity. Coherent, comprehensive and secure records are permanently maintained. Document quality is upheld through logical workflow and user interface to help ensure consistent and complete evaluator ratings and narrators.

Real Time Process Control. DecisionPoint presents evaluation managers with a panoramic view of the entire source selection process, enabling them to monitor the status of the overall process, drill down to a discrete element or gauge progress with total ease at any time, from anywhere. DecisionPoint facilitates effective communication with helpful features including integrated messaging and bulletin boards.

Fully Customizable. DecisionPoint was designed to ensure that customized modifications, including unique source selection language and process alterations are fast, straightforward and trouble-free.

Fast, Flexible Implementation. DecisionPoint is a rapidly deployable application that can be plugged into almost any acquisition environment or specification with minimal intervention and expense.

Management Insight. DecisionPoint will provide source selection management the ability to monitor evaluator progress and comment quality from their desktop. As part of their DecisionPoint access protocol, source selection management can monitor all evaluator/advisor comments and provide real-time feedback and direction via a built in Q&A and bulletin board feature. This capability is invaluable for making in- process corrections and proactively managing the source selection schedule.

Scalability and Stability. DecisionPoint software designers have ensured the application provides a scalable and stable platform for conducting large-scale or multiple-user source selection efforts. Through a multiple source selection environment, the DecisionPoint application and associated infrastructure have a proven record of maintaining complete integrity and security between the source selections with no loss of performance or compromise of sensitive evaluation data.

Responsive Customer Service and Support. AcqCenter is committed to providing customers with the most responsive support available throughout the entire evaluation process. DecisionPoint is not just software – it is a full-service capability that ensures your evaluation team receives our best customer support, from initial DecisionPoint install to final data archiving at the end of the selection process.

Public Internet Access License:

1. Secure access to DecisionPoint via the Internet via the Customer's desktop.
2. Hosted on the AcqCenter's Secure System in MIST's Virginia Data Center.
3. Pricing based on not more than 25 evaluators/users for one source selection.

	Commercial Price
Set-Up & User Training includes: <ol style="list-style-type: none"> 1. One-day onsite user application training session for up to 25 users* 2. Application set-up, configuration, and routine customizations 3. Network performance testing and validation 	\$13,240
Licenses Fees includes: <ol style="list-style-type: none"> 1. 24x7 customer-access to DecisionPoint Technical Support Desk (email/telephone support during business hours and pager notification during non- business hours) 2. DecisionPoint software upgrades at no extra cost 3. AcqCenter's commitment to customer satisfaction (DecisionPoint Customer Warranty) 	\$1,950/month
Additional Non-routine DecisionPoint Customizations	\$127/hour
Acquisition Consulting	\$174/hour

*Travel expenses required for support outside the local Washington, DC area are additional

Private Intranet Access License/Leased Server:

1. Purchase of DecisionPoint software license and installation of MIST-supplied webs server on Customer's private intranet.
2. Pricing based on not more than 25 evaluators/users for one source selection.

	Commercial Price
Installation, Set-Up & User Training includes: <ol style="list-style-type: none"> 1. One-day onsite user application training session for up to 25 users 2. One-day onsite server installation and testing* 3. Application set-up, configuration, and routine customizations 	\$15,025
Software License/Leased Server Fees includes: <ol style="list-style-type: none"> 1. 24x7 customer-access to DecisionPoint Technical Support Desk (email/telephone support during business hours and pager notification during non- business hours) 2. DecisionPoint software upgrades at no extra cost 3. AcqCenter's commitment to customer satisfaction (DecisionPoint Customer Warranty) 	\$1,145/month
Fully Configured DecisionPoint Server installed on custom LAN	\$165/month
Additional Non-routine DecisionPoint Customizations	\$127/hour
Acquisition Consulting	\$174/hour

*Travel expenses required for support outside the local Washington, DC area are additional

Private Intranet Access License/Customer Provided Server:

1. Purchase of DecisionPoint software license and installation of Customer-supplied web server on Customer's Intranet LAN
2. Pricing based on not more than 25 evaluators/users for **one** source selection.

	Commercial Price
Installation, Set-Up & User Training includes: <ol style="list-style-type: none"> 1. One-day onsite user application training session for up to 25 users* 2. Two-day onsite server installation and testing* 3. Application set-up, configuration, and routine customizations 	\$15,025
Software License/MS SQL Server and Client Access License includes: <ol style="list-style-type: none"> 1. 24x7 customer-access to DecisionPoint Technical Support Desk (email/telephone support during business hours and pager notification during non-business hours) 2. DecisionPoint software upgrades at no extra cost 3. AcqCenter's commitment to customer satisfaction (DecisionPoint Customer Warranty) 	\$1,145/month
Additional Non-routine DecisionPoint Customizations	\$127/hour
Acquisition Consulting	\$174/hour

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** Customers may provide MS SQL server and CALs or lease them from AcqCenter

DecisionPoint® Technical Requirements

Server Software Requirements:

The table below identifies the operating system and associated extensions required to run DecisionPoint. The operating system and database software must be installed prior to DecisionPoint deployment. The server should be a member of a Domain; however, it can be run stand-alone.

Required Server Software	
Operating System:	Microsoft Windows Server 2016 Server*; or Microsoft Windows Server 2019* (recommended) * With current updated service packs
Database Software:	Microsoft SQL Server 2016*; or Microsoft SQL Server 2019* + (recommended); * With current updated service packs + DecisionPoint® functions with Express Edition; Customers that wish to use Enterprise must provide their own license

Workstation/End User Requirements:

A modern standards-compliant browser (e.g., Google Chrome, Microsoft Edge, Mozilla Firefox) is required. Additional software - such as Microsoft Office and Adobe Acrobat Reader - may be required to view offeror proposal files. No applets or controls specific to DecisionPoint® are installed on the workstations.

ONTARGET – PRICING INFORMATION

What is OnTarget?

OnTarget is a proposal development and review solution enabling government contractors to focus their proposals on the source selection criteria from the outset and to increase their contract win rate.

OnTarget is based on DecisionPoint, AcqCenter's software platform used in over 950 procurements by government agencies, with an eye toward the proposal team and the unique challenges behind contract wins.

Who does OnTarget target?

Many organizations employ a group of independent reviewers known as Red Teams to objectively assess the proposal and ensure compliance with RFPs. Red Team processes are loosely defined and often haphazard; therefore, it is imperative they use a source selection tool to streamline their workflow. OnTarget is a software management tool designed with the Red Team specifically in mind.

Benefits:

- Develop clear and concise linkage between your proposal and the specific evaluation criteria
- Make the job of government evaluators and contract officers easy and painless
- Increase win rate

Features:

User-Friendly Interface. The OnTarget interface is intuitive and straightforward. Standardized input templates promote documentation quality and consistency while reducing the administrative burden. Minimal user training and orientation is required so you spend time on the proposal, not on learning the tool.

Streamline Operations. OnTarget maximizes collaboration with intuitive workflow, making proposal development activities seamless and efficient.

Simplify Evaluations. OnTarget allows Red Teams to review proposals in the same way as a government evaluator would, gathering feedback on the content and organization of the material.

Develop Strategy / Win Themes. The effectiveness of proposals meeting capture strategies can be evaluated, allowing the team to provide feedback on areas where enhancements should be made.

Match Your Proposal to Evaluation Criteria. OnTarget focuses proposal teams on the same criteria the government will use – this process is critical as proposals are evaluated against criteria, not competitors.

Build Rapid Online Consensus. OnTarget delivers an efficient consensus process to facilitate collaboration between proposal teams, allowing consensus findings to be easily posted and accessed by the entire team in real-time, displaying progress and status metrics.

Online Proposal Development Library and Data Warehouse. An easy-to-access reference library of documents can be created. Coherent, comprehensive and secure records are permanently maintained. Document quality is upheld through logical workflow to help ensure consistency.

Fast, Flexible Implementation. OnTarget can be plugged into almost any proposal environment with minimal intervention and expense.

Responsive Customer Service and Support. AcqCenter is committed to providing customers with the most responsive support available throughout their entire proposal development process.

Private Intranet Access License/Customer Provided Server:

Purchase of OnTarget software license and installation on Customer-supplied web server on Customer's Intranet LAN.

	Commercial Price
Installation, set-up and super user training includes: <ol style="list-style-type: none"> 1. One-day onsite super user application training session* 2. One-day onsite server installation and testing* 3. Application set-up, configuration and routine tailoring to client process 4. First year annual software license cost 	\$68,500
Annual Software Maintenance includes: <ol style="list-style-type: none"> 1. Technical Support Desk (email/telephone support during business hours) 2. OnTarget software upgrades at no extra cost 3. AcqCenter's commitment to customer satisfaction (OnTarget Customer Warranty) 	\$10,000/year (After initial year)

* Travel expenses required for support outside the local Washington DC area are additional

Special Trial Offer:

Proposal development is complicated, and everyone has their own way of getting their job done. Take advantage of this special offer to see how OnTarget can work with your processes and enhance your proposal development capabilities. AcqCenter offers the opportunity to try OnTarget for one proposal development cycle via the Internet.

1. AcqCenter hosts OnTarget on our secure Internet server, allowing your team access from wherever they are.
2. AcqCenter assists in the setup of your review criteria and training of your review teams.
3. AcqCenter provides an archive of the data when complete.

Order OnTarget pilot effort, and when you buy a full license, the cost of the pilot is credited against your purchase price.

OnTarget Pilot via the Internet	\$10,300
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OnTarget Technical Requirements

Server Software Requirements:

The table below identifies the operating system and associated extensions required to run OnTarget. The operating system and database software must be installed prior to OnTarget deployment. The server should be a member of a Domain; however, it can be run stand-alone.

Required Server Software	
Operating System:	Microsoft Windows Server 2016 Server*; or Microsoft Windows Server 2019* (recommended) <i>* With current updated service packs</i>
Database Software:	Microsoft SQL Server 2016*; or Microsoft SQL Server 2019* + (recommended); <i>* With current updated service packs</i> <i>+ OnTarget functions with Express Edition; Customers that wish to use Enterprise must provide their own license</i>

Workstation/End User Requirements:

A modern standards-compliant browser (e.g., Google Chrome, Microsoft Edge, Mozilla Firefox) is required. Additional software - such as Microsoft Office and Adobe Acrobat Reader - may be required to view offeror proposal files. No applets or controls specific to OnTarget are installed on the workstations.

BIDS – PRICING INFORMATION

What is BIDS?

Many R&D organizations use information gathering tools such as O T As , BAAs, RFIs, SBIRs, sought sources, white papers, etc. to collect and evaluate information in regards to their mission. The process has traditionally been paper intensive and plagued with information dissemination and collection problems....until now.

BIDS is a web accessible, secure, fully automated and paperless knowledge management application that not only streamlines the dissemination and proposal gathering process but allows for real time on-line evaluations while reducing the demand on personnel resources and maintaining the highest levels of information security. BIDS is easily tailored to the “client’s process” to ensure process consistency.

BIDS allows our clients to:

- Post, gather and evaluate responses to OTAs, BAAs, RFIs
- Secure evaluation of submissions
- Integrate group evaluations for decision making

By using the BIDS application, leaders can efficiently and effectively manage the process without leaving the office. Web accessibility not only provides a secure link to the information for the vendors and users but allows Management to quickly assess, control and obtain status reports, in real time. All from a single, secure, browser-based console that moves when- and where-needed, leaves no footprint on the client’s IT structure and removes the need for expensive IT and networking support.

BIDS database set-up and user training for max of 25 users	Firm Fixed Price
Includes: Requirements gathering with client Routine tailoring (nomenclature changes, client logo, text configuration, etc.) Creation of client portal for access Database validation with client One day on-site training	\$17,325.00

BIDS Product License	Firm Fixed Price
Includes: BIDS Software License Tier 1 Help Desk Support BIDS Application Guide and Quick Sheets	\$6,000.00
BIDS Hosting	Firm Fixed Price
Includes: Hosting site at Secure facility and/or Secure Third-Party Cloud provider Network testing, validation and configuration Hosting Help Desk Support	\$595.00
BIDS Non-Routine Customization	Firm Fixed Price
BIDS Developer, Principal	\$156.10/HR
BIDS QA Tester, Senior	\$112.42/HR

**Travel expenses required for support outside the local Washington DC area are additional*

SENTRIS™ PLATFORM

Introduction

Sentris™ is a flexible security labeling and access control platform, developed by ManTech for Microsoft Windows® environments that require a high degree of data security and confidentiality. Sentris™ provides end users with easy-to-use tools to label and secure content using common applications, such as Microsoft Windows®, Office®, SharePoint®, Skype for Business®, and Outlook®. Sentris™ is unique in its capability to control access to data based on three criteria:

1. Who is accessing the information?
2. Where are they located?
3. What system are they using?

This innovative approach to attribute-based access control (ABAC) allows organizations to easily and efficiently manage access to information in complex, high-security environments where traditional access control mechanisms are ineffective and cumbersome. Sentris™ is designed to support the DoD Risk Management Framework (RMF) requirements to prevent inadvertent disclosure of restricted information. Sentris™ is equally customizable to meet the security requirements for virtually any organization.

ManTech offers commercially-available subscription license offerings for the Sentris™ Platform. The Sentris™ Platform is comprised of the following components:

- **Sentris™ Core Components** – Sentris Platform Server, Sentris Platform Client, Sentris Administration Tool, and Sentris Labeling for Microsoft Office®.
- **Sentris™ Feature Pack Licenses** – Sentris Protection for Microsoft SharePoint®, Sentris Protection for Microsoft Skype for Business®, Sentris Protection for Windows Server® File Shares, Sentris Protection for Microsoft Exchange®, Sentris Labeling for PDF, and Sentris SDK Redistributable.
- **Sentris™ Extended Infrastructure Components** – Sentris External Access Data Provider (ADP) Synchronization Service, Sentris SDK

ManTech offers the Sentris™ Core Components as an annual subscription per system user. ManTech offers the Sentris™ Feature Packs as perpetual licenses with compatibility for the Sentris™ Core version purchased. Sentris™ Extended Infrastructure Components are available for free with an active Sentris™ Core Components subscription. The Sentris™ SDK Redistributable must be purchased to distribute and use solutions based on the Sentris® SDK.

Sentris™ Platform Licensing – PRICE LIST

ManTech licenses the Sentris® Platform Core Components on subscription named-user basis at the following price:

Component	Includes	Annual Subscription (Per User)
Core	Sentris™ Platform Server Sentris™ Platform Client Sentris™ Administration Tool Sentris™ Labeling for Microsoft Office® Sentris™ ADP Synchronization Service Sentris™ Standard Support Subscription – 1 year	\$140.00

Minimum license purchase quantity: 100 users. ManTech reserves the right to change prices at any time.

Sentris™ Feature Packages – PRICE LIST

Feature	Includes	License
Sentris™ Protection for Exchange®	Transport service to validate email markings	\$32,000.00
Sentris™ Protection for SharePoint®	Protection of SharePoint® sites, lists, and items. Protects collaborative features.	\$58,000.00
Sentris™ Protection for Skype for Business®	Client and Server extensions to label and manage instant messaging conversations with Microsoft Skype for Business®.	\$32,000.00
Sentris™ SDK Redistributable	Implement solutions developed with the Sentris™ SDK.	\$12,000.00
Sentris™ Labeling for PDF	Windows® shell extension for applying markings and labels to PDF document format.	\$27,000.00
Sentris™ Protection for File Shares	Leverages the Windows® File Classification Infrastructure to assign classification properties to files and govern access based on the assigned classification attribute.	\$24,000.00

Feature pack licenses are purchased for every 10,000 users for each network and may be installed on as many servers or desktops within that network to support load balancing, clustering and high availability models. ManTech reserves the right to change prices at any time.

Sentris™ Platform Training and Support – PRICE LIST

Level	Description	Cost
Sentris™ Certified Engineer Instructor Led Training (Virtual Offering)	Installation Planning Installation Configuration Advanced Architectures For SAs, SEs, IAT, IAM, PSO	Up to 10 Students – \$30,000.00

Sentris™ Enhanced Support Subscriptions:

Level	Description	Cost
Sentris™ Enhanced Support Subscription - BRONZE	<p>Provides enhanced troubleshooting and analysis of Sentris deployments in an enterprise environment. Supports analysis of Sentris configurations and errors.</p> <p>Subscription Includes:</p> <ul style="list-style-type: none"> - Email and Phone Support - 1 Business Day Response Time 	\$50,000.00
Sentris™ Enhanced Support Subscription - SILVER	<p>Provides enhanced troubleshooting and analysis of Sentris deployments in an enterprise environment. Supports analysis of Sentris configurations and errors. Includes one, on-site engagement for Sentris health assessments and/or Sentris consulting services related to planning, deployment, administration or training.</p> <p>Subscription Includes:</p> <ul style="list-style-type: none"> - Email and Phone Support - 1 Business Day Response Time - Annual Onsite engagement for routine Sentris™ Health Check/Onsite Sentris™ Troubleshooting /Training - Scheduled after hours/weekend support 	\$75,000.00

Level	Description	Cost
<p>Sentris™ Enhanced Support Subscription - GOLD</p>	<p>Provides enhanced troubleshooting and analysis of Sentris deployments in an enterprise environment. Supports analysis of Sentris configurations and errors. Includes four, on-site engagements for Sentris health assessments and/or Sentris consulting services related to planning, deployment, administration or training.</p> <p>Subscription Includes:</p> <ul style="list-style-type: none"> - Email and Phone Support - 4 Business Hours Response Time - (4) Annual Onsite engagements for routine Sentris™ Health Check/Onsite Sentris™ Troubleshooting /Training - Accessibility to Beta versions of enhanced features/upgrades before full release - Scheduled after hours/weekend support 	<p>\$150,000.00</p>
<p>Sentris™ Enhanced Support Subscription - PLATINUM</p>	<p>Provides enhanced troubleshooting and analysis of Sentris deployments in an enterprise environment. Supports analysis of Sentris configurations and errors. Includes twelve, on-site engagements for Sentris health assessments and/or Sentris consulting services related to planning, deployment, administration or training.</p> <p>Subscription Includes:</p> <ul style="list-style-type: none"> - Email and Phone Support - 4 Business Hours Response Time - (12) Annual Onsite engagements for routine Sentris™ Health Check/Onsite Sentris™ Troubleshooting /Training - Accessibility to Beta versions of enhanced features/upgrades before full release - Scheduled after hours/weekend support 	<p>\$260,000.00</p>

Level	Description	Cost
Sentris™ ProStart	<p>The Sentris ProStart is a combination of on-site (or virtual*) engagement with members of the Sentris Product Team. The engagement provides Sentris Certified Engineer Training and Sentris installation and configuration support for Sentris Systems and Features, as well as emulation of Sentris deployments.</p> <p>Support Engagement Includes:</p> <ul style="list-style-type: none"> - 1 Week Instructor Led Sentris Certified Engineer Training for up to 10 Students - 2 (1-Week) On-Site Engagement for Installation & Configuration Support of a Sentris Environment - Phone & Email Support for Duration of Engagement 	\$100,000.00

ManTech prefers to keep class size limited to allow for maximum instructor –student engagement and personal interaction and training. However, if more than 10 students per class is needed, please contact us at Sentris.Sales@mantech.com.

ManTech is happy to accept purchase orders and credit card orders for Sentris™ Platform sales. Please contact Sentris.Sales@mantech.com for further information.

DOCUMENT DETECTIVE

Introduction

ManTech's Document Detective is a collection of desktop applications designed to redact, sanitize, and review popular electronic document formats like Microsoft Office and Adobe Portable Document Format (PDF). It meets the U.S. Government's rigorous security requirements for a "100 percent Reliable Human Review" for protecting National Security Information that could be compromised by hidden data in electronic documents. Document Detective is critical for business and commercial applications where the protection of proprietary information and a client's private and personal data is of paramount importance.

Document Detective currently works on the following file types:

Analysis and Flattening (remove hidden data / deep object inspection)

- Microsoft Word documents and templates
- Microsoft Excel documents and templates
- Microsoft PowerPoint documents and templates
- Rich Text Files (Microsoft Word 2.0)

Keyword Search

- Text files (TXT, CSV, ASC, etc.)
- Adobe Portable Document Format (PDF)
- Image (JPEG)
- Audio (MP3)
- Binary file types

Document Detective detects over 100 hidden data types, including:

- Ad Hoc Review (automatically enables Tracked Changes without warning) when documents are emailed
- Tracked Changes (Word, PowerPoint, and Excel)
- Document fragments caused by Fast Save
- Macros and Scripts
- Embedded OLE objects and media files
- Paste and Paste Special security problems
- 12 font formats that obscure text in Word
- Cropped and resized images
- Overlapping and off-page objects
- Metadata (document properties)
- Malicious OLE streams
- Deleted text and images in Adobe PDF

Document Detective Software License Pricing

A Subscription License allows the Licensee to use the software for a specific period of time, typically 12 months from date of purchase. At the end of the subscription period, the software license expires and the Licensee must terminate use of the software unless they renew the license agreement for a fee. The

subscription period may be extended upon the Licensee's payment of a renewal subscription prior to the end of the current subscription period.

ManTech provides commercial pricing rates for Document Detective Subscription Licenses. New and Renewal licenses are available. A user who has purchased a version 4 or 5 license is eligible for Renewal pricing. Government rates are available; please contact us at DocDetSupport@ManTech.com for Government pricing.

Subscription Licenses	
New and Renewal Pricing	Commercial
New Customer License with 1-year maintenance, 25-user pack	\$6250.00
New Customer License with 1-year maintenance, 5-user pack	\$1250.00
Current Customer License with 1-year maintenance, 25-user pack	\$3125.00
Current Customer License with 1-year maintenance, 5-user pack	\$625.00

Document Detective Instructor-Led Training Certification Pricing

ManTech International Corporation provides Instructor-Led Certification Training for Document Detective. Individuals or groups charged with protecting data are strongly encouraged to attend a formal Instructor-Led Training session to ensure that Data Transfer Agents (DTAs) are certified in the use of Document Detective. The certification provides fundamental understanding of the product capabilities, as well as how users and organizations can leverage the product to provide a record of action should the threat of a spill arise in the future. From an organizational level, having DTAs certified is one additional step in risk mitigation and helps to show that an organization is doing everything possible to protect data.

Instructor Led Training	
Per Student/Seat Cost, each	\$3,500
6-12 Students	\$17,500

Instructor travel costs are quoted as a separate firm-fixed price item for training requests.

ManTech is happy to accept purchase orders and credit card orders for Document Detective licenses and training. Please contact DocDetSupport@ManTech.com for more information.

For details on our certification training and a list of upcoming classes, contact us at DocDetSupport@ManTech.com.

WINDOWS CNO PROGRAMMER SYLLABUS

COURSE DESCRIPTION

The *Windows Computer Network Operations Programmer* course is an intensive, hands-on course focused on providing a programmer with the skills and knowledge needed to become an advanced CNO programmer, with emphasis in the Windows environment. The class format combines both lecture and labs for practical application of knowledge, including two labs that function as culminating exercises.

LEARNING OUTCOME

After the completion of the three modules, the student will be capable of assisting in the CNO tool development lifecycle. The student will understand the tool objectives, environments, obstacles and pitfalls associated with development, as well as strategies to meet objectives effectively and efficiently.

COURSE OUTLINE

The course contains the following modules:

Core Module

- Python (3 Days)
- Networks (5 Days)
- Assembly (3 Days)
- Software Reverse Engineering (5 Days)
- Core Crucible (1 Day)

User Mode Development Module

- Windows System Programming (4 Days)
- Windows Internals (4 Days)
- CNO User Mode Development (5 Days)
- Vulnerability Research and Exploitation (5 Days)
- User Mode Crucible (2 Days)

Kernel Mode Development Module

- Kernel Internals (5 Days)
- CNO Kernel Mode Development (3 Days)

PREREQUISITE(S)

Students should have a Bachelor's degree in Computer Science or Computer Engineering, or equivalent experience. Students should also possess high academic achievement or operational/technical experience and an intense desire to learn. This course requires previous programming experience in C. Student should possess experience in Windows Programming and IA-32 assembly.

ENROLLMENT

Submit student enrollment requests to ACTP@ManTech.com. The training administrator will expedite your request and payment requirements. Please contact ACTP@ManTech.com with any questions.

TUITION

Full course enrollment is \$26,250. Modular and weekly enrollments are offered based on seat availability. Online and remote enrollments are also available upon request.

COURSE LENGTH

The entire course is approximately 45 days in length.

We also offer modular enrollment, based on seat availability (please see pricing below).

WINDOWS CNO CORE (17 DAYS)		
Python	3 Days	The Python class is an introduction to the Python programming language with an emphasis on tools and techniques that are useful for CNO tasks such as test development and vulnerability research.
Networks	5 Days	The Networks class is a practical exploration of IPv4 and IPv6 networks and sockets programming.
Assembly	3 Days	The Assembly class covers the x86 (IA-32) and x86-64 (AMD64) assembly languages.
Software Reverse Engineering	5 Days	The Software Reverse Engineering class introduces tools and techniques for analyzing x86 and x86-64 executable files.
Core Crucible	1 Day	In the Core Crucible, students work in teams to analyze and exploit a botnet.
CNO Core Modular Enrollment		\$11,220

WINDOWS USER MODE DEVELOPMENT (20 DAYS)		
Windows Systems Programming	4 Days	The Windows Systems Programming class introduces Windows development tools and the Win32 API.
Windows Internals	4 Days	Windows Internals moves beyond the Win32 API introduced in the previous class to describe the advanced Windows operating system concepts used to implement it.
Windows CNO User Mode Development	5 Days	Building on the material from the preceding classes, the CNO User Mode Development class provides instruction on fundamental techniques and best practices for CNO tool development.
Windows Vulnerability Research and Exploitation	5 Days	Students in the Vulnerability Research and Exploitation class learn how to analyze and exploit vulnerabilities in software.
Windows User Mode Crucible	2 Days	In the User Mode Crucible, students work in teams to analyze and exploit a vulnerable network service.
User Mode Development Modular Enrollment		\$13,200

WINDOWS KERNEL MODE DEVELOPMENT (8 DAYS)		
Windows Kernel Internals	5 Days	The Kernel Internals class expands on the user mode content to introduce students to the Windows Kernel architecture and fundamentals of driver development.
Windows CNO Kernel Mode Development	3 Days	The CNO Kernel Mode Development class builds on the previous class to introduce techniques useful for Windows Kernel CNO.
Kernel Mode Development Enrollment		\$6,600

INSTRUCTORS

Our instructors are members of an elite group of cyber professionals and have been chosen for their technical knowledge, industry experience, and facilitation skills. Instructors are rotated between the classroom and contract positions to ensure their skills are current and operationally relevant.

TRAINING FACILITIES

We have training facilities in Hanover, Maryland, Jessup, Maryland and San Antonio, Texas. Our VTC and Virtual Instructor-Led Training are available as well as on-site training.

CLASS SIZE

Minimum class size is six (6). Two instructors will be provided for class sizes exceeding ten students.

GRADING

Each class features one or more quizzes and a final exam. An average exam score of 80% is a passing grade. Students who complete all 10 graded classes, with an 80% average or better, are recognized as ManTech Certified Advanced Cyber Programmers (CACPs), and receive certification. Students who achieve a 95% or higher receive honors. Students that do not receive a certifying grade will receive certificates of attendance, or graduation.

INTRODUCTION TO ANDROID PROGRAMMING

Course Description

The Android Programming course is a unique course offering students the ability to explore the Android operating system. This lab-driven class exposes students to the entire OS API, covering everything from development of Android applications using the SDK and Android Studio to how these APIs map to native libraries, the Linux kernel, and Android specific kernel components. There is also a heavy emphasis on security at each level covered, including features and developments from the latest releases of Android.

PREREQUISITE(S)

Students should have a Bachelor's degree in Computer Science or Computer Engineering, or equivalent experience. Students should also possess high academic achievement or operational/technical experience and an intense desire to learn. This course assumes basic knowledge of Java and C programming.

COURSE DETAILS

- 5 days
- 19 Labs
- 3 quizzes, 1 practical exam
- Android devices and development environment is provided

ENROLLMENT

Submit student enrollment requests to ACTP@ManTech.com. The training administrator will expedite your request and payment requirements. At this time, enrollment is limited to ManTech employees and government employees. Please contact ACTP@ManTech.com with any questions.

TUITION

Tuition Price for the course which includes all material is \$3300 per seat.

INSTRUCTORS

Our instructors are members of an elite group of cyber professionals and have been chosen for their technical knowledge, industry experience, and facilitation skills. Instructors who understand the real challenges facing programmers because they perform the work professionally every day.

CLASS SIZE

Maximum class size is sixteen students. Minimum class size is eight students. An assistant instructor will be provided for class sizes exceeding eight students.

TRAINING FACILITY

We have training facilities in Hanover, Maryland, Jessup, Maryland and San Antonio, Texas. Our VTC and Virtual Instructor Led Training are available as well as on-site training.

GRADING

This class features one or more quizzes and a final exam. An exam score of 80% is a passing grade. Students who complete the course with an 80% or better are awarded a certificate acknowledging successful completion of the course. Students that do not receive a certifying grade will receive certificates of attendance.

Agenda and Course Content

Day 1:

- Understand the overall Android architecture
- Explore the Android Open Source Project (AOSP) and learn about it's structure
- Learn to use the Android Debugging Bridge (ADB) to install APKs, push and pull files from a device, view logs, and gain shell access
- Learn about the various Android device modes and what they are used for
- Use Android Studio to build applications
- Understand the structure and lifecycle Android applications
- Explore the use of Application Manifests and how they relate to intents and permissions

- Understand the various states of a process (foreground, visible, cached, etc.)
- Understand what rooting is and why you might want to root a device
- Discuss bootloaders (locked and unlocked) and how they relate to the security of a device
- Understand the Android file system by finding where applications, shared libraries, media content and other core files are stored on the device
- Learn about the steps an Android device takes to boot
- Root and flash your phone

Day 2:

- Learn about the activity lifecycle
- Gain hands on experience using explicit and implicit intents as well as intent filters
- Use the application manager utility to send various kinds of intents
- Implement Foreground and Background services
- Explore the service lifecycle
- Send and receive broadcast intents
- Learn about the various Android permissions and how they are granted
- Android Services: development, types, AIDL interface language
- Implement applications that use explicit and implicit intents

Day 3:

- Understand the nature of Android Content Providers and their role in application development
- Understand what Framework Services are and their role
- Learn about the Binder driver – functionality, implementation
- Interact with various sensors on the device
- Understand how to access sensor services on the device
- Write an application using Android JNI
- Native Code and Native Development Kit (NDK) introduction

Day 4:

- Android Native Sensors
- Android Native Service development
- Cross-compilation process
- Android Native to Java Communication Models
- Understand how a call from an application flows down to the hardware
- Learn about the various types of hardware abstraction layers (HAL) throughout the versions
- Understand how the init initializes the Android operating system

Day 5:

- In-depth Practical. This includes completing various tasks that cover concepts taught throughout the course. Some tasks are standalone, and others require you to complete a previous task before being able to complete the next one.

INTRODUCTION TO THE ANDROID INTERNALS COURSE

COURSE DESCRIPTION

The Android Internals course builds on the foundation established in the Android Programming course. This course dives deeper into the Android operating system to explore concepts such as the internals of APKs, Package Manager, Activity Manager, Zygote, Android Services and other core components of Android. Students will have a strong understanding of the Android Radio Interface layer. They will know how to hide phone calls, send hidden text messages, alter text messages, etc. Students will be able to describe how Wi-Fi works on Android, and how network technology preference works (Wi-Fi over Cellular). Students will also learn about security on Android and be able to determine which security mechanism is stopping a particular action from occurring.

PREREQUISITE(S)

Students should have a Bachelor's degree in Computer Science or Computer Engineering, or equivalent experience. Students should also possess high academic achievement or operational/technical experience and an intense desire to learn. This course assumes basic knowledge of Java and C programming.

WHO SHOULD ATTEND

- Developers and researchers looking to learn how to write code for mobile platforms.
- Android developers looking to write more secure code
- Security researchers looking to gain insight into the Android OS architecture.

COURSE DETAILS

- 5 days
- 19 Labs
- 3 quizzes, 1 practical exam
- Android devices and development environment is provided

ENROLLMENT

Submit student enrollment requests to ACTP@ManTech.com. The training administrator will expedite your request and payment requirements. At this time, enrollment is limited to ManTech employees and government employees. Please contact ACTP@ManTech.com with any questions.

TUITION

Tuition Price for the course which includes all material is \$3300 per seat.

INSTRUCTORS

Our instructors are members of an elite group of cyber professionals and have been chosen for their technical knowledge, industry experience, and facilitation skills. Instructors who understand the real challenges facing programmers because they perform the work professionally every day.

TRAINING FACILITIES

We have training facilities in Hanover, Maryland, Jessup, Maryland and San Antonio, Texas. Our VTC and Virtual Instructor Led Training are available as well as on-site training.

CLASS SIZE

Minimum class size is six (6). Two instructors will be provided for class sizes exceeding ten students.

GRADING

Quizzes and Labs are administered as knowledge checks during the course regularly. Class culminates a final exam.

COURSE CONTENT

Day 1:

- Explore the various partitions of an Android device
- Understand each phase of the boot process for Android

- Learn about the role that Verified boot plays in protecting Android devices
- Learn about A/B slots
- Understand the changes that came from project Treble in Android 8.0
- Analyze the init script in Android to understand how it initializes the OS
- Learn about the various daemons that init starts and what their roles are
- Learn about the various stages of init (i.e. first, second, early-init, init, late-init etc)
- Understand the role that Properties plays in configuring and initializing Android
- Students will be able to freely navigate, build, and deploy Android builds from source
- Students will be able to dump the device's bootloaders and understand the different stages of verified boot in Android
- Students will learn how to redirect files that are mounted on a read only filesystem

Day 2:

- Understand the crucial role Zygote plays in initializing apps
- Explore the differences between the Dalvik VM and ART
- Write a program to communicate directly with Zygote to spawn a new process
- Understand the relationship between System Server and Service Manager
- Understand and describe how the core services are laid out, and what functionality is provided by which service
- Understand how services are managed and located
- Learn about the internals of the APK structure
- Learn about .dex, .odex, .art files
- Understand the various ways to sign an APK and the security implications of each one

Day 3:

- Decompile APKs
- Reverse engineering APKs
- Learn about smali and baksmali
- Understand each step of installing an APK to an Android device
- Be able to manually create Java applications outside of the Android Framework
- Understand the Package Manager and its role
- Know how to interact with the Activity Manager via native code
- Understand the internals of Binder
- Use Binder using native code
- Understand exploit vulnerabilities from cross-app permission use

Day 4:

- Learn the Android Bluetooth Stack
- Covertly communicate over Bluetooth with other devices
- Learn how Android communicates with the baseband on the device
- Understand how vendors provide proprietary libraries to implement the radio interface layer
- Students will have a strong understanding of the Android Radio Interface layer. They will know how to hide phone calls, send hidden text messages, fake text messages, alter text messages etc
- Learn about the various Wi-Fi protocols and what a Wi-Fi looks like
- Learn about the various Wi-Fi technologies supported by Android (Wi-fi direct, Wi-Fi aware etc)

Day 5:

- Learn about the many security mechanisms added to Android from 1.5 up to current
- Learn about DAC vs MAC
- Understand how Android leverages users and groups in Linux to enforce access control and sandboxing
- Understand the role SELinux plays in securing Android devices
- Understand the role capabilities plays in securing Android devices
- Understand how permissions at the application manifest level are enforced in the kernel
- Explore the role of seccomp

LINUX CNO PROGRAMMER COURSE

The Linux Computer Network Operations (CNO) Programmer course is an intensive, hands-on course focused on providing students with the skills and knowledge needed to become an advanced CNO programmer, with emphasis in the Linux environment. Students embark on a 10-week journey, beginning at using user space POSIX APIs, continuing to advanced topics such as manipulating ELF files and exploiting vulnerable services, and ending with the design and deployment of CNO tools within the Linux kernel itself. The class format combines lecture and demonstrations with practical lab assignments, including two “crucible labs” that function as culminating exercises.

Full course enrollment is \$32,220. Modular and weekly enrollments are offered based on seat availability. Online and remote enrollments are also available upon request. Please see pricing below.

To enroll, contact the ACTP team via email at actp@mantech.com.

CNO CORE (17 DAYS)		
Python	3 Days	The Python class is an introduction to the Python programming language with an emphasis on tools and techniques that are useful for CNO tasks such as test development and vulnerability research.
Networks	5 Days	The Networks class is a practical exploration of IPv4 and IPv6 networks and sockets programming.
Assembly	3 Days	The Assembly class covers the x86 (IA-32) and x86-64 (AMD64) assembly languages.
Software Reverse Engineering	5 Days	The Software Reverse Engineering class introduces tools and techniques for analyzing x86 and x86-64 executable files.
Core Crucible	1 Day	In the Core Crucible, students work in teams to analyze and exploit a botnet.
CNO Core Modular Enrollment		\$11,220

LINUX USER MODE DEVELOPMENT (20 DAYS)		
Linux Systems Programming	4 Days	The Linux Systems Programming class introduces Linux development tools and the POSIX and Linux APIs.
Linux Internals	4 Days	Linux Internals delves further into Linux with advanced uses of the POSIX API, C library internals, parsing and manipulation of ELF files, and Linux-specific system calls.
Linux CNO User Mode Development	5 Days	Building on the material from the preceding classes, the CNO User Mode Development class provides instruction on fundamental techniques and best practices for CNO tool development.
Linux Vulnerability Research and Exploitation	5 Days	Students in the Vulnerability Research and Exploitation class learn how to analyze and exploit vulnerabilities in software.
Linux User Mode Crucible	2 Days	In the User Mode Crucible, students work in teams to analyze and exploit a vulnerable network service.
User Mode Development Modular Enrollment		\$14,000

LINUX KERNEL MODE DEVELOPMENT (8 DAYS)		
Linux Kernel Internals	3 Days	The Kernel Internals class introduces students to the major subsystems, configuration and compilation, and module/driver development for the Linux kernel.
Linux CNO Kernel Mode Development	5 Days	The CNO Kernel Mode Development class builds on the previous class to introduce techniques useful for Linux Kernel CNO.
Kernel Mode Development Enrollment		\$7,000

ADVANCED CYBER TRAINING PROGRAM (ACTP) ACTP TERMS & CONDITIONS

The terms and conditions outlined below govern the ManTech Advanced Cyber Training Program (ACTP) training courses offered by ManTech Advanced Systems International, Inc. These terms and conditions shall be incorporated into each order for any of the ACTP training courses.

1. **ACCEPTANCE OF TERMS.** ManTech's delivery of the ACTP Training Program is expressly conditioned on Buyer's acceptance of all the terms and conditions set forth herein. No change, modification or revision of these terms and conditions shall be valid unless agreed to in writing by ManTech. ***In the event ManTech accepts Buyer's purchase order/ credit card/ or any other form of payment for the training services, the parties acknowledge that these terms and conditions shall be incorporated into and made a part of each order.***

2. **PAYMENT.** Payment for an Advanced Cyber Training Class is due in full after completion of the course. Payment can be made via purchase order, check or credit card unless another mutually agreed upon payment plan has been agreed to by the parties.

3. **INVOICES.** ManTech will invoice for the ACTP in accordance with ManTech's standard invoicing procedures or in accordance with a mutually agreed upon payment schedule.

4. **REPRODUCTION RIGHTS.** The number of students permitted to attend the course and view the training materials is specified on the quotation. Buyer shall ensure that no additional Buyer employees receive access to the course materials, and shall be liable for an additional course fee for each unauthorized copy made or additional employee permitted to access the materials. Copyright law prohibits unauthorized copying of copyrighted materials. Buyer and all of Buyer's students that take the training shall not make or use any unauthorized copies of software or copyrighted material or forward newsletters or other materials (whether electronic or hard-copy) in violation of license restrictions. Buyer acknowledges and shall comply with all license and copyright restrictions pertaining to all software and copyrighted material presented and received in the ACTP training program. The ManTech ACTP course materials constitute proprietary ManTech information and content. The materials are copyrighted works of ManTech and third parties.

5. **TITLE TO PROGRAM MATERIALS.** ManTech claims and holds title to all documents and materials furnished to the Buyer for use in connection with the training. Buyer shall not disclose such documents or materials to any person, firm or corporation. The Buyer shall, upon ManTech's request, promptly return all such documents and materials to ManTech.

6. **NONDISCLOSURE OF TRADE SECRETS.** Buyer and all of Buyer's students agree to keep ManTech's trade secrets, whether or not prepared or developed by ManTech, in the strictest confidence. Buyer will not disclose such secrets to anyone outside ManTech without ManTech's prior written consent. Nor will Buyer make use of any ManTech trade secrets for their own purposes or the benefit of anyone other than ManTech without ManTech's prior written consent.

7. **NON-TRANSFER OF RIGHTS.** Except for the limited rights set forth herein, no right, title, or license, express or implied, under any patent, copyright, trade secret, and/or other intellectual property proprietary right is granted hereunder. All rights not expressly granted by this Agreement are retained by the ManTech.

8. **EXPORT CONTROL COMPLIANCE FOR FOREIGN PERSONS.** Buyer shall comply with U.S. State Department (International Traffic in Arms Regulations (ITAR)) and Commerce Department (Export Administration Regulations (EAR)), as well as Industrial Security Requirements. Buyer shall not provide a foreign person (a person who is not a U.S. citizen or permanent resident or a U.S. citizen employee of a foreign owned company not incorporated to do business in the U.S.) access to export controlled technology without proper governmental authorization under the ITAR or EAR, as applicable. Accordingly, Buyer certifies that it will not permit a foreign person to receive the training without the prior written consent of ManTech. Any foreign person's access to ManTech's or ManTech's customer's facilities and computer networks will be restricted and controlled to ensure the foreign person does not have access to ITAR or EAR controlled hardware, technical data, or software/code other than as specifically authorized by the U.S. Department of State or Department of Commerce, as applicable.

LABOR CATEGORY RATES AND DESCRIPTIONS

Labor Category	Labor Category Description	Rate
Cyber Security Operations Specialist 1	Performs analysis of enterprise defensive technologies to include COTS and GOTS products / point solutions. Conducts analysis of security incidents and/or malware incidents/outbreaks. Performs cyber threat analysis and assesses organizations' cyber risk posture. Provides security engineering consulting services related to enterprise cyber defensive tools and technologies. Bachelor's degree preferred, but not required. Specialized training in cyber defense technologies required.	\$110.00
Cyber Security Operations Specialist 2	Performs analysis of enterprise defensive technologies to include COTS and GOTS products / point solutions. Conducts analysis of security incidents and/or malware incidents/outbreaks. Performs cyber threat analysis and assesses organizations' cyber risk posture. Provides security engineering consulting services related to enterprise cyber defensive tools and technologies. Bachelor's degree preferred plus one year relevant experience. Specialized training in cyber defense technologies required.	\$125.00
Cyber Security Operations Specialist 3	Performs analysis of enterprise defensive technologies to include COTS and GOTS products / point solutions. Conducts analysis of security incidents and/or malware incidents/outbreaks. Performs cyber threat analysis and assesses organizations' cyber risk posture. Provides security engineering consulting services related to enterprise cyber defensive tools and technologies. Bachelor's degree preferred plus two years relevant experience. Specialized training in cyber defense technologies required.	\$150.00
Cyber Security Operations Specialist 4	Performs analysis of enterprise defensive technologies to include COTS and GOTS products / point solutions. Conducts analysis of security incidents and/or malware incidents/outbreaks. Performs cyber threat analysis and assesses organizations' cyber risk posture. Provides security engineering consulting services related to enterprise cyber defensive tools and technologies. Bachelor's degree preferred plus 4 years relevant experience. Relevant product or security certification can substitute for 4 years experience. Specialized training in cyber defense technologies required.	\$175.00
Cyber Security Operations Specialist 5	Performs analysis of enterprise defensive technologies to include COTS and GOTS products / point solutions. Conducts analysis of security incidents and/or malware incidents/outbreaks. Performs cyber threat analysis and assesses organizations' cyber risk posture. Provides security engineering consulting services related to enterprise cyber defensive tools and technologies. Bachelor's degree required plus 4 years relevant experience. Master's degree may be substituted for 4 years of experience. Relevant product or security certification may be substituted for 4 years experience. An additional 6 years of relevant experience may be substituted for a Bachelor's degree. Specialized training in cyber defense technologies required.	\$200.00

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Labor Category	Labor Category Description	Rate
Cyber Security Operations Specialist 6	Performs analysis of enterprise defensive technologies to include COTS and GOTS products / point solutions. Conducts analysis of security incidents and/or malware incidents/outbreaks. Performs cyber threat analysis and assesses organizations' cyber risk posture. Provides security engineering consulting services related to enterprise cyber defensive tools and technologies. Bachelor's degree required plus 6 years relevant experience. Master's degree may be substituted for 4 years of experience. Relevant product or security certification may be substituted for 4 years experience. An additional 6 years of relevant experience may be substituted for a Bachelor's degree. Specialized training in cyber defense technologies required.	\$225.00
Cyber Security Operations Specialist 7	Performs analysis of enterprise defensive technologies to include COTS and GOTS products / point solutions. Conducts analysis of security incidents and/or malware incidents/outbreaks. Performs cyber threat analysis and assesses organizations' cyber risk posture. Provides security engineering consulting services related to enterprise cyber defensive tools and technologies. Conducts network and memory forensics analysis and is skilled at conducting reverse engineering of malicious binaries. Bachelor's degree required plus 8 years relevant experience. Master's degree may be substituted for 4 years of experience. Relevant product or security certification may be substituted for 4 years experience. An additional 6 years of relevant experience may be substituted for a Bachelor's degree. Specialized training in cyber defense technologies required.	\$250.00
Cyber Security Operations Specialist 8	Performs analysis of enterprise defensive technologies to include COTS and GOTS products / point solutions. Conducts analysis of security incidents and/or malware incidents/outbreaks. Performs cyber threat analysis and assesses organizations' cyber risk posture. Provides security engineering consulting services related to enterprise cyber defensive tools and technologies. Conducts network and memory forensics analysis and is skilled at conducting reverse engineering of malicious binaries. Bachelor's degree required plus 10 years relevant experience. Master's degree may be substituted for 4 years of experience. Relevant product or security certification may be substituted for 4 years experience. An additional 6 years of relevant experience may be substituted for a Bachelor's degree. Specialized training in cyber defense technologies required.	\$300.00

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Labor Category	Labor Category Description	Rate
Cyber Security Operations Specialist 9	Performs analysis of enterprise defensive technologies to include COTS and GOTS products / point solutions. Conducts analysis of security incidents and/or malware incidents/outbreaks. Performs cyber threat analysis and assesses organizations' cyber risk posture. Provides security engineering consulting services related to enterprise cyber defensive tools and technologies. Conducts network and memory forensics analysis and is skilled at conducting reverse engineering of malicious binaries. Bachelor's degree required plus 12 years relevant experience. Master's degree may be substituted for 4 years of experience. Relevant product or security certification may be substituted for 4 years experience. An additional 6 years of relevant experience may be substituted for a Bachelor's degree. Specialized training in cyber defense technologies required.	\$350.00
Cyber Security Operations Specialist 10	Performs analysis of enterprise defensive technologies to include COTS and GOTS products / point solutions. Conducts analysis of security incidents and/or malware incidents/outbreaks. Performs cyber threat analysis and assesses organizations' cyber risk posture. Provides security engineering consulting services related to enterprise cyber defensive tools and technologies. Conducts network and memory forensics analysis and is skilled at conducting reverse engineering of malicious binaries. Bachelor's degree required plus 14 years relevant experience. Master's degree may be substituted for 4 years of experience. Relevant product or security certification may be substituted for 4 years experience. An additional 6 years of relevant experience may be substituted for a Bachelor's degree. Specialized training in cyber defense technologies required.	\$400.00

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Code	Labor Category	Labor Category Description	Rate
IT-1	IT Scientist 6	Employees in this category should have combined education and experience as follows: B.S. + 20 years of experience M.S. + 15 years of experience Ph.D. + 10 years of experience.	\$493.00
IT-2	IT Scientist 5	Employees in this category should have combined education and experience as follows: B.S. + 15 years of experience M.S. + 10 years of experience	\$457.00
IT-3	IT Scientist 4	Employees in this category should have combined education and experience as follows: B.S. + 10 years of experience M.S. + 6 years of experience	\$426.00
IT-4	IT Scientist 3	Employees in this category should have combined education and experience as follows: B.S. + 6 years of experience M.S. + 3 years of experience Ph.D. + 2 years of experience.	\$333.00
IT-5	IT Scientist 2	Employees in this category should have combined education and experience as follows: B.S. + 4 years of experience	\$316.00
IT-6	IT Scientist 1	Bachelors Degree in Mathematics, Physics, Chemistry, or a related field. A minimum of 2 years related experience involving application of scientific principles. Masters Degree preferred.	\$274.00
IT-7	Corporate IT Staff Officers	Bachelors or Masters Degree in Business Administration, a related discipline or equivalent experience of nine or more years in positions of increasing responsibility including supervisory/management experience.	\$340.00
IT-8	Executive IT Director	Bachelors Degree plus seven years of relevant technical, professional or management positions or 11.5 years of similar experience. Typically advances through one of the professional areas supervised and is conversant with the spectrum of professional and technical disciplines represented in the organization. Must include previous supervisory/management experience.	\$304.00
IT-9	Technical IT Director	Bachelors Degree plus five years in relevant technical, professional or management positions or 8.5 years of related experience. Typically advances through performance in and management of a discipline within the area which is supervised. Should have a working knowledge of other disciplines represented in the department. Background must include supervisory/management experience.	\$223.00
IT-10	IT Director	Bachelors Degree plus two years in relevant technical, professional or management positions. Typically advances through performance in and management of a discipline within the area which is supervised. Should have a working knowledge of other disciplines represented in the department. Background must include supervisory/management experience.	\$187.00
IT-11	Lead Functional IT Analyst	Bachelors or Masters Degree in Computer Science, Management Information Systems, a related field or equivalent experience. Ten years of increasingly complex and responsible systems analysis experience.	\$232.00
IT-12	Senior Functional IT Analyst	Bachelors/Masters Degree in Computer Science, Management Information Systems, a related field or equivalent experience. Six	\$164.00

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Code	Labor Category	Labor Category Description	Rate
		years of increasingly complex and responsible systems analysis experience.	
IT-13	Principal IT Systems Architect	Masters Degree or Ph.D. in Computer Science, a related field or equivalent experience. Ten or more years of applicable progressively complex system design experience including hardware/software integration of complex systems.	\$262.00
IT-14	Senior IT Systems Architect	Masters Degree in Computer Science, a related field or equivalent experience. Eight or more years of applicable progressively complex systems design experience, including hardware/software integration of complex systems.	\$232.00
IT-15	Staff IT Systems Architect	Bachelors Degree (Masters preferred) in Computer Science, a related field or equivalent experience. Five years system design experience, including hardware/software integration.	\$177.00
IT-16	IT Engineer - Software 6	Masters Degree or Ph.D. in Computer Science, a related field or equivalent experience. Ten or more years of progressively complex software design experience.	\$255.00
IT-17	IT Engineer - Software 5	Masters/Bachelors Degree in Computer Science, a related field or equivalent experience. Eight or more years of applicable, progressively more complex software design experience.	\$232.00
IT-18	IT Engineer - Software 4	Masters/Bachelors Degree in Computer Science, a related field or equivalent experience. Six or more years of applicable, progressively more complex software design experience.	\$207.00
IT-19	IT Engineer - Software 3	Masters/Bachelors Degree in Computer Science, a related field or equivalent experience. Four or more years of applicable software design experience.	\$194.00
IT-20	IT Engineer - Software 2	Bachelors Degree in Computer Science, a related field or equivalent experience. Two years applicable software design experience.	\$188.00
IT-21	IT Engineer - Software 1	One year applicable software design experience.	\$110.00
IT-22	IT Systems - Analyst 6	Bachelors or Masters Degree in Computer Science, Management Information Systems, a related field or equivalent experience. Ten years of increasingly complex and responsible systems analysis experience.	\$243.00
IT-23	IT Systems - Analyst 5	Bachelors/Masters Degree in Computer Science, Management Information Systems, a related field or equivalent experience. Eight years of increasingly complex and responsible systems analysis experience.	\$213.00
IT-24	IT Systems - Analyst 4	Bachelors/Masters Degree in Computer Science, Management Information Systems, a related field or equivalent experience. Six years of increasingly complex and responsible systems analysis experience.	\$182.00
IT-25	IT Systems - Analyst 3	Bachelors/Masters Degree in Computer Science, Management Information Systems, a related field or equivalent experience. Four years of increasingly complex and responsible systems analysis experience.	\$152.00

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Code	Labor Category	Labor Category Description	Rate
IT-26	IT Systems - Analyst 2	Bachelors Degree in Computer Science, Management Information Systems, or related field or equivalent experience.	\$134.00
IT-27	IT Systems - Analyst 1	Two years of systems analysis experience.	\$90.00
IT-28	Lead IT Analyst – Systems	Bachelors or Masters Degree in Computer Science, Management Information Systems, a related field or equivalent experience. Nine years of increasingly complex and responsible systems analysis experience.	\$201.00
IT-29	Senior IT Analyst - Systems	Bachelors/Masters Degree in Computer Science, Management Information Systems, a related field or equivalent experience. Six years of increasingly complex and responsible systems analysis experience.	\$177.00
IT-30	Senior IT Applications Engineer	Masters/Bachelors Degree in Computer Science, a related field or equivalent experience. Eight or more years of applicable, progressively more complex software design experience.	\$218.00
IT-31	Staff IT Application Engineer	Masters/Bachelors Degree in Computer Science, a related field or equivalent experience. Seven or more years of applicable, progressively more complex software design experience.	\$188.00
IT-32	Junior IT Application Engineer	Masters/Bachelors Degree in Computer Science, a related field or equivalent experience. Five or more years of software design experience.	\$152.00
IT-33	Senior IT Analyst - Programming	Requires a bachelor's degree or equivalent experience and six or more years of related experience.	\$164.00
IT-34	Staff IT Analyst - Programming	Requires a bachelor's degree or equivalent experience and four-five years of related experience.	\$146.00
IT-35	Assoc. IT Analyst - Programming	Requires a bachelor's degree or equivalent experience and one-three years related experience.	\$97.00
IT-36	IT Engineer - Systems 6	Masters Degree or Ph.D. in Computer Science, a related field or equivalent experience. Fifteen or more years of applicable progressively complex system design experience including hardware/software integration of complex systems.	\$274.00
IT-37	IT Engineer - Systems 5	Masters Degree in Computer Science, a related field or equivalent experience. Eight or more years of applicable progressively complex systems design experience, including hardware/software integration of complex systems.	\$262.00
IT-38	IT Engineer - Systems 4	Bachelor's degree in computer science, a related field, or equivalent experience. Eight or more years of applicable systems design experience, including hardware/software integration.	\$252.00
IT-39	IT Engineer - Systems 3	Bachelor's degree in computer science, a related field, or equivalent experience. Six or more years of applicable systems design experience, including hardware/software integration.	\$245.00
IT-40	IT Engineer - Systems 2	Bachelors Degree (Masters preferred) in Computer Science, a related field or equivalent experience. Five years system design experience, including hardware/software integration.	\$213.00
IT-41	IT Engineer - Systems 1	Bachelors Degree in Computer Science, a related field or equivalent experience. Two years system design experience including hardware/software integration experience.	\$158.00

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Code	Labor Category	Labor Category Description	Rate
IT-42	Lead IT Analyst – Database Design	Bachelors or Masters Degree in Computer Science, Management Information Systems, a related field or equivalent experience. Eight years of progressively responsible database design and implementation experience.	\$218.00
IT-43	Senior IT Analyst - Database Design	Bachelors/Masters Degree in Computer Science, Management Information Systems, a related field or equivalent experience. Six years of progressively responsible database design and implementation experience.	\$164.00
IT-44	Staff IT Analyst - Database Design	Bachelors/Masters Degree in Computer Science, Management Information Systems, a related field or equivalent experience. Two years related database design and implementation experience.	\$110.00
IT-45	Staff IT Data Entry Clerk	Normally requires at least eighteen months of experience.	\$66.00
IT-46	Senior IT Analyst - Training	Bachelors Degree or equivalent experience. Five years of related experience.	\$177.00
IT-47	Staff IT Analyst - Training	Bachelors Degree or equivalent experience. Two to five years of related experience.	\$146.00
IT-48	Staff IT Software Trainer	Bachelors Degree or equivalent experience. Four years of related experience.	\$146.00
IT-49	Technical IT Specialist - Engineering	Technical training equal to an Associates Degree and six years of related technical experience.	\$146.00
IT-50	Senior IT Technician - Engineering	Requires technical training or equivalent experience and four to five years experience as an engineering technician.	\$121.00
IT-51	IT Network Engineer 6	Masters Degree in Computer Science, a related field or equivalent experience. Eight or more years of applicable progressively complex systems design experience, including hardware/software integration of complex systems.	\$258.00
IT-52	IT Network Engineer 5	Bachelor's Degree in Computer Science, a related field or equivalent experience. Six or more years of applicable progressively complex systems design experience, including hardware/software integration of complex systems.	\$245.00
IT-53	IT Network Engineer 4	Bachelors Degree (Masters preferred) in Computer Science, a related field or equivalent experience. Five years system design experience, including hardware/software integration.	\$188.00
IT-54	IT Network Engineer 3	Bachelors Degree in Computer Science, a related field or equivalent experience. Two years system design experience including hardware/software integration experience.	\$134.00
IT-55	IT Network Engineer 2	Bachelors Degree in Computer Science, a related field or equivalent experience.	\$104.00
IT-56	IT Network Engineer 1	One year experience required.	\$90.00
IT-57	Senior IT Manager - LAN Admin.	Requires a bachelor's degree and two years of related experience. Additional experience may be substituted for the degree.	\$121.00

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Code	Labor Category	Labor Category Description	Rate
IT-58	Staff IT Technician - Writing	Bachelors Degree in an applicable technical field or equivalent experience and excellent written communication skills. Two years technical writing and editing experience.	\$110.00
IT-59	Secretary/Admin IT Asst - 3	Normally requires three years of relevant work experience and a high school diploma.	\$121.00
IT-60	Secretary/Admin IT Asst - 2	Normally requires one year of relevant work experience and a high school diploma.	\$90.00
IT-61	Secretary/Admin IT Asst - 1	Requires no experience.	\$50.00
IT-62	IT Project Engineer - 7	Bachelors Degree in Engineering, or equivalent. Seven years of project engineering experience.	\$237.00
IT-63	IT Project Engineer - 6	Bachelors Degree (Masters preferred) in engineering or a related field. Four years of engineering experience.	\$199.00
IT-64	IT Project Engineer - 5	Bachelor's degree in engineering or equivalent experience. Three years of engineering experience.	\$175.00
IT-65	IT Project Engineer - 4	Bachelor's degree in engineering and two years of equivalent engineering experience.	\$158.00
IT-66	IT Project Engineer - 3	Bachelor's degree in engineering and one year of equivalent engineering experience.	\$146.00
IT-67	IT Project Engineer - 2	High School Diploma and four years of equivalent engineering experience.	\$135.00
IT-68	IT Project Engineer - 1	One year engineering experience.	\$115.00
IT-69	Computer Forensics and Intrusion Task Manager	Requires a bachelor's degree in a related field. Ten (10) years of increasing responsibilities in IA technical guidance and leadership. Seven (7) years in computer intrusion analysis and investigation, intrusion operations and detection; computer network surveillance/monitoring; vulnerability assessments; hacker methodologies and techniques; computer network exploitation methodology and techniques; computer attack and exploitation methodologies and techniques; firewall exploitation. Seven (7) years in network protocols; network devices; computer security devices; multiple operating systems; secure architecture, methodologies, and tools; hardware and software configurations; and network LAN/WAN system administration in support of computer intrusion operations.	\$609.00

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Code	Labor Category	Labor Category Description	Rate
IT-70	Computer Forensics and Intrusion Principal Analyst	Requires a bachelor's degree in a related field. Eight (8) years of increasing responsibilities in IA technical guidance and leadership. Five (5) years in computer intrusion analysis and investigation, intrusion operations and detection; computer network surveillance/monitoring; vulnerability assessments; hacker methodologies and techniques; computer network exploitation methodology and techniques; computer attack and exploitation methodologies and techniques; firewall exploitation. Five (5) years in network protocols; network devices; computer security devices; multiple operating systems; secure architecture, methodologies, and tools; hardware and software configurations; and network LAN/WAN system administration in support of computer intrusion operations.	\$542.00
IT-71	Computer Forensics and Intrusion Senior Analyst	Requires a bachelor's degree in a related field. Five (5) years experience in IA. Demonstrated ability to work independently or under only general supervision. Three (3) years in computer intrusion analysis and investigation, intrusion operations and detection; computer network surveillance/monitoring; vulnerability assessments; hacker methodologies and techniques; computer network exploitation methodology and techniques; computer attack and exploitation methodologies and techniques; firewall exploitation. Three (3) years in network protocols; network devices; computer security devices; multiple operating systems; secure architecture, methodologies, and tools; hardware and software configurations; and network LAN/WAN system administration in support of computer intrusion operations.	\$432.00
IT-72	Computer Forensics and Intrusion Staff Analyst	Requires a bachelor's degree in a related field. Two (2) years experience in IA to include computer network surveillance/monitoring; vulnerability assessments; network protocols; network devices; computer security devices; hardware and software configurations; and network LAN/WAN system administration in support of information assurance.	\$322.00
IT-73	Computer Forensics and Intrusion Junior Analyst	One (1) year of experience in IA to include computer network surveillance/monitoring; vulnerability assessments; network protocols; network devices; computer security devices; hardware and software configurations; and network LAN/WAN system administration in support of information assurance.	\$213.00
IT-74	IT Information Assurance Specialist	Bachelor's degree preferred. Ten years of information security experience	\$182.00
IT-75	IT Acquisition Specialist	Bachelor's degree and 10 years of experience providing technology solutions for acquisition management.	\$232.00
IT-76	Database Administrator	Bachelor's degree preferred. Two or more years of experience administering databases to include testing backups, data integrity, and ensuring maximum uptime.	\$171.00
IT-77	IT Analyst 6	Bachelor's degree preferred. Seven years of experience providing the highest authoritative analytic leadership and consultation.	\$292.00
IT-78	IT Analyst 5	Bachelor's degree preferred. Six years of experience providing the highest authoritative analytic leadership and consultation.	\$263.00

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Code	Labor Category	Labor Category Description	Rate
IT-79	IT Analyst 4	Bachelor's degree preferred. Five years of experience providing the highest authoritative analytic leadership and consultation.	\$234.00
IT-80	IT Analyst 3	Bachelor's degree preferred. Four years of experience providing the highest authoritative analytic leadership and consultation.	\$205.00
IT-81	IT Analyst 2	Bachelor's degree preferred. Two years of experience providing skilled analytic leadership and consultation.	\$182.00
IT-82	IT Analyst 1	High School and three years of relevant experience. Assists senior analysts in providing analysis and consultation.	\$152.00
IT-83	Documentation Specialist 2	Bachelor's degree preferred. One year experience developing drafts and finalizing information technology documentation.	\$129.00
IT-84	Documentation Specialist 1	High School and three years of relevant experience. Develops drafts and finalizes information technology documentation.	\$90.00
IT-85	Project Administration 5	Bachelor's degree preferred. Four years experience preparing project management administrative plans and reports.	\$158.00
IT-86	Project Administration 4	Bachelor's degree preferred. Three years experience preparing project management administrative plans and reports.	\$146.00
IT-87	Project Administration 3	Bachelor's degree preferred. Two years experience preparing project management administrative plans and reports.	\$123.00
IT-88	Project Administration 2	High school and three years of relevant experiences. Assists in preparing project management administrative plans and reports.	\$111.00
IT-89	Project Administration 1	High school and two years of relevant experiences. Assists in preparing project management administrative plans and reports.	\$87.00
IT-90	System Intern	Performs general entry level information technology support duties under direct supervision.	\$50.00
IT-91	Risk Mgmt. Specialist	Bachelor's degree required. Five years of experience in identifying critical information that must be protected, performing risk assessments of client activities using proprietary tools, and developing mitigation measures.	\$146.00
IT-92	Sr. Risk Mgmt. Specialist	Bachelor's degree required. Ten years of experience in identifying critical information that must be protected, performing risk assessments of client activities using proprietary tools, and developing mitigation measures. May provide security awareness, education and training.	\$171.00
IT-93	Sr. Info. Sys. Risk Mgmt Analyst	Bachelor's degree required. Ten years experience performing system security analyses including security audits, evaluations, and risk assessments of complex operational data processing communications systems and facilities and provide recommendations for countering detected vulnerabilities	\$182.00
IT-94	Principal Info. Sys. Risk Mgmt Analyst	Bachelor's degree required. Thirteen years experience performing system security analyses including security audits, evaluations, and risk assessments of complex operational data processing communications systems and facilities and provide recommendations for countering detected vulnerabilities	\$207.00
IT-95	Principal Risk Mgmt. Analyst	Bachelor's degree required. Thirteen years of experience in identifying critical information that must be protected, performing risk assessments of client activities using proprietary tools, and developing mitigation measures. May provide security awareness, education and training.	\$194.00

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Code	Labor Category	Labor Category Description	Rate
IT-96	System Security Engineer	Bachelor's degree required. Five or more years experience applying computer science technologies to the design, development, evaluation, and integration of computer systems and networks to maintain system security.	\$182.00
IT-97	Security Specialist	Associate's Degree required. Four years of experience monitoring security standards and compliance	\$171.00
IT-98	System Administrator	High School and 2 years relevant systems administration experience.	\$130.00

CONTACT INFORMATION

For any questions or for additional information, please contact

VP of Pricing	C.W. Etzler
Phone	703-218-6320
Email	CW.Etzler@ManTech.com
Address	2251 Corporate Park Drive Herndon, VA 20171