



FY17

# PSAP GRANT PROGRAM APPLICATION





## FY17 PSAP GRANT PROGRAM APPLICATION

### HOW TO APPLY/DEADLINE

The grant application is available and accessible from VITA ISP's website (<http://www.vita.virginia.gov/isp/default.aspx?id=8578>). Upon completion of the application, it is to be submitted to your Regional Coordinator. Any supporting documentation must also be submitted along with the application, including mandatory budgets for projects (if applicable).

After the close of the grant application cycle, a Grant ID and email receipt notification will be sent to the e-mail address listed on the application received.

All funding requests must be submitted using the grant application. Technical assistance is available from VITA's Public Safety Communications (PSC) staff throughout the grant process. The FY17 PSAP Grant Application Cycle starts July 1, 2015 and concludes on September 30, 2015 at 5:00 pm.

**ALL APPLICABLE SECTIONS MUST BE COMPLETED IN ITS ENTIRETY OR THE APPLICATION WILL BE CONSIDERED INCOMPLETE AND NOT ACCEPTED FOR CONSIDERATION.**



## FY17 PSAP GRANT APPLICATION

### PROJECT TITLE

CAD Replacement

### GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Powhatan County

CONTACT TITLE: E-911 Coordinator

CONTACT FIRST NAME: Floyd

CONTACT LAST NAME: Greene

ADDRESS 1: 3910-C Old Buckingham RD

ADDRESS 2: 2T

CITY: Powhatan

ZIP CODE: 23139

CONTACT EMAIL: fgreene@powhatanva.gov

CONTACT PHONE NUMBER: 804-598-5677

CONTACT MOBILE NUMBER: 804-347-9016

CONTACT FAX NUMBER: 804-598-1739

REGIONAL COORDINATOR: Sam Keys

### HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

_____	_____
_____	_____
_____	_____
_____	_____

### GRANT TYPE

Individual PSAP

Shared Services



**TIER**

- Out of Service
- Technically Outdated\*
- Not Applicable
- Non-Vendor Supported\*
- Strengthen

**If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.**

VERSION: DaPro Systems, IBR\_PlusVersion 5.4.1  
# YEARS of HARDWARE/SOFTWARE: 5 Years

---

**PRIORITY/PROJECT FOCUS CAD**

**If "Other" selected, please specify: 2T**

**FINANCIAL DATA**

Amount Requested: \$ 150,000  
Total Project Cost: \$ 761,530



## STATEMENT OF NEED

This statement should reference the relationship to the current funding priorities established by the Grant Committee and include evidence of any financial need, along with additional information on the impact on operational services; consequences of not receiving funding; inclusion of project in a long-term or a strategic plan; and local sustainability:

The County of Powhatan has used DaPro Systems Computer Aided Dispatch (CAD) for over a decade with the latest update installed in 2000. This update however was deficient in some areas including poor interfacing with our Call Answering Equipment & GIS Mapping. On April 1, 2015 we were informed that DaPro Systems had gone out of business and that ID Networks had taken over their clients. On April 28, 2015 we were informed by ID Networks that our existing CAD would continue to be supported “for as much as 5 years” but no additional upgrades will be made to the system.

CAD is a critical part of our emergency call taking process: in interfacing with our call answering equipment to process E-911 calls; in interfacing with our GIS mapping system to plot the location of calls; in quickly and accurately recommending the proper units to be dispatched to incidents; and accurately meeting the recordkeeping requirements for our Fire, EMS, Law Enforcement Agencies.

Due to the many other financial obligations of the County, the County of Powhatan does not have the funds available to fully fund the replacement of our existing CAD system. Therefore if the requested grant is not awarded, the County will be unable to replace our existing poor performing and soon to be obsolete CAD system.

If the grant is awarded, the County will fund the part of the expenditure that exceeds \$150,000 and will fund the service and maintenance on this system in future years.



Describe how the grant will be maintained and supported in the future, if applicable.

The County of Powhatan will fund the service and maintenance on this system in future years.

### **COMPREHENSIVE PROJECT DESCRIPTION**

Identify the longevity or sustainability of the project.

It is the intent of the County of Powhatan to purchase a CAD system that both meets the current needs of our communications & emergency response personnel and be upgradable in the future.



Describe how this project supports the Virginia Statewide Comprehensive 9-1-1 Plan.

The proposed CAD supports the Virginia Statewide Comprehensive 911 plan by providing a data record keeping and retrieval system that interfaces and supports the other technologies we currently have (telephone and GIS systems) and is upgradeable to the Next Generation technologies and beyond in the future.

**SHARED SERVICES (if applicable)**

The relationship of the project to the participating PSAPs:

N/A

Intended collaborative efforts:

N/A



Resource sharing:

N/A

How does the project impact the operational or strategic plans of the participating agencies:

N/A

Provide a thorough, concise, and complete description of the project, including an outline of the goals and objectives, implementation strategy, and a work plan.

N/A



**PROJECT TIMELINE FOR  
SHARED SERVICES & INDIVIDUAL PSAP APPLICATIONS:**

For each applicable phase of the project, indicate the estimated completion date. Sample activities for each phase are included.

PROJECT PHASE	ESTIMATED COMPLETION DATE
<p><b>X INITIATION</b> (Project approved by appropriate stakeholders)</p> <p>Sample activities: project concept is documented, local board or governing authority approval or endorsement is received, PSAP grant application is filed, local budgets are obtained, appropriated grant funds are approved, and budgetary estimates are obtained</p>	<p><b>07/01/2016</b></p>
<p><input type="checkbox"/> <b>DESIGN/PLANNING</b> (Project, system, or solution requirements are developed)</p> <p>Sample activities: requirements are documented, components to be purchased are identified, and general design is documented</p>	<p><b>XX / XX / XX</b></p>
<p><b>X ACQUISITION</b> (Selected system or solution is procured)</p> <p>Sample activities: RFP (or other bid related processes) are drafted, proposals are evaluated, contract is signed, purchase orders are issued, and quotes are obtained</p>	<p><b>10/ 01 / 2016</b></p>
<p><b>X IMPLEMENTATION</b> (Selected system or solution is configured and installed)</p> <p>Sample activities: purchased components are delivered and installed and training is performed</p>	<p><b>01 / 01 / 2017</b></p>
<p><b>X TESTING/COMPLETION</b> (Selected system or solution is tested and put in production)</p> <p>Sample activities: performance of system/solution is validated and system/solution goes "live"</p>	<p><b>04 / 01 / 2017</b></p>



## BUDGET AND BUDGET NARRATIVE

List the planned expenditures to be made with grant funds. (NOTE: In lieu of a line item breakdown, an itemized cost schedule or detailed vendor prepared quote may be submitted as an attachment. However, budgetary quotes received from a particular vendor(s) during the application process do not commit the PSAP to use that vendor(s) once the grant is awarded.) Briefly explain the reason for each requested budget item and provide the basis for its cost. In addition, if contingency cost has been added, please identify the amount.

Estimated Project Cost per accompanying vendor quote:	\$ 692,300
Contingency Cost	<u>\$ 69,230</u>
Total Estimated Project Cost	\$ 761,530

## EVALUATION

How will the project be evaluated and measured for achievement and success:

The CAD System will be evaluated fully after it is installed but prior to going live to ensure it meets the needs of the County of Powhatan and to ensure all specifications have been met.



**CONSOLIDATION (Primary or Secondary) - (complete only if applicable)**

How would a consolidation take place and provide improved service:

N/A

How should it be organized and staffed:

N/A

What services should it perform:

N/A



How should policies be made and changed:

N/A

How should it be funded:

N/A

What communication changes or improvements should be made in order to better support operations:

N/A



## Total Cost Summary - Budgetary

**Internal Use Only - Not for Distribution to Prospect**

**POWHATAN COUNTY SHERIFF'S OFFICE, VA  
September 23, 2015**

### New World Software and Services

<b>A. Application Software</b>		<b>\$397,388</b>
1) Licensed Standard Software	\$397,388	
<b>B. Implementation Services</b>		<b>234,880</b>
1) Project Management		
2) Implementation and Training		
3) Systems Assurance and Software Installation		
4) Interface Installation Fees including GIS Implementation		
5) Decision Support Software Implementation Services		
6) Data File Conversion (Estimate)		
7) Custom Software/Custom Software Interfaces (Estimate)		
8) Project Optimization		
<b>C. Third Party Products and Services</b>		<b>60,032</b>
1) Third Party Products and Services		
<b>TOTAL ONE TIME COST</b>		<b><u>\$692,300</u></b>

### Maintenance

D. Standard Software Maintenance Agreement (SSMA)		
1) Standard Software Maintenance Agreement (SSMA)		
Years 1 - 5 included in Total Project Cost		
	One-Year No-Charge SSMA from Date of Delivery	No Charge
	Year 2 SSMA:	\$76,021
	Year 3 SSMA:	\$80,244
	Year 4 SSMA:	\$84,468
	Year 5 SSMA:	\$88,691
E. Travel and Living Expenses (Estimate)		48,000
<b>TOTAL ONE TIME COST W/TRAVEL</b>		<b><u>\$1,069,723</u></b>

*Expected annual lease payments, based on the 5-Year Total Project Cost listed above, over a five year term. These payments can be structured to begin one year after execution of the lease.* \$242,292

**CONFIDENTIAL AND PROPRIETARY**

*NOTE: New World's cost is based on all of the proposed products and services being obtained from New World. Should significant portions of the products or services be deleted, New World reserves the right to adjust its prices accordingly. Prices do not include hardware servers or workstations.*

*This assumes you are purchasing this directly through New World and not thru an RFP procurement procedure.*

*This Budgetary Proposal is being provided solely for planning purposes and does not constitute a firm offer. An extended review may determine that additional software or service components are necessary.*

**CONFIDENTIAL AND PROPRIETARY**

POWHATAN COUNTY SHERIFF'S OFFICE, VA

Budgetary Proposal Summary

For Internal Use Only

September 23, 2015

A. STANDARD APPLICATION SOFTWARE <sup>1,2,3,4</sup>		
ITEM	DESCRIPTION	INVESTMENT
<b>CAD</b>		<b>(Workstations included in CAD Base - 4)</b>
<b>1.</b>	<b>Aegis Enterprise Combined LE/Fire/EMS CAD</b>	\$44,000
	- CAD Mapping	
	- Call Entry	
	- Call Control Panel	
	- Unit Recommendations	
	- Unit Status and Control Panel	
	- Call Stacking	
	- CAD Messaging	
	- Call Scheduling	
	- Dispatch Questionnaire	
	- Fire Equipment Search/Fire Equipment Move	
	- GIS/Geo-File Verification	
	- Hazard and Location Alerts	
	- Hazmat Search	
	- Hydrant Inventory	
	- Access to Aegis/MSP LE Records	
	- Access to Aegis/MSP Fire Records	
	- Note Pads	
	- Proximity Dispatch (Requires CAD AVL and Mobile)	
	- Rip-N-Run Remote Printing	
	- Run Cards/Response Plans	
<b>2.</b>	<b>Additional Aegis Enterprise Software for Computer Aided Dispatch <sup>5</sup></b>	
	- BOLOs	4,000
	- Web CAD Monitor	10,000
<b>3.</b>	<b>Aegis Enterprise Third Party Interface Software <sup>5</sup></b>	
	- CAD Paging Interface	6,000
	<i>Supports SNPP, SMTP, Standard TAP, WCTP</i>	
	- E-911 Interface <sup>6</sup>	6,000
	- Aegis State/NCIC Interface <sup>7</sup>	7,000
	<i>Includes state-specific standard forms</i>	
	On-Line Modules <sup>7</sup>	
	- On-Line CAD Interface to State/NCIC	4,000
	<i>Includes state-specific standard forms</i>	
	- Pre-Arrival Questionnaire Interface (1 questionnaire(s) - EMD)	6,000
	<i>Supports ProQA for Fire, EMD, Police; ProQA Paramount for Fire, EMD, Police; APCO Meds &amp; Advisor, PowerPhone</i>	
	- ePCR Interface (supports ImageTrend)	8,000
<b>4.</b>	<b>Additional CAD Workstations</b>	
	- 2 workstations at \$5,000 per workstation	10,000
<b>SUB-TOTAL CAD MODULES</b>		<b>\$105,000</b>

**LAW ENFORCEMENT RECORDS**

(Workstations included in LE Records Base - 12)

<b>5. Aegis/MSP Single Jurisdiction Base Law Enforcement Records</b>	24,000
- Accidents	
- Activity Time Tracking	
- Arrest	
- Business Registry	
- Case Processing	
- Computer Aided Investigations	
- Federal Reports (UCR/IBR)	
- GIS/Geo-File Verification	
- Impounded Vehicles	
- Incident Tracking	
- Jacket Processing	
- Personnel/Education	
- Property	
- Traffic Tickets and Citations	
- Wants and Warrants	

<b>6. Aegis/MSP Federal and State Compliance Reporting for LE Records</b>	
- Federal UCR/IBR <sup>8</sup>	8,000
- State Accidents <sup>9</sup>	8,000

<b>7. Additional Aegis/MSP Software for Law Enforcement Records</b>	
- Bookings	6,000
- Civil Paper Tracking and Receipting	6,000
- Equipment Tracking	6,000
- Field Investigations	4,000
- Property Room Bar Coding <sup>5</sup>	4,000

<b>8. Aegis/MSP Imaging Software</b>	
- Public Safety Lineups/Mug Shots <sup>10</sup>	11,000

<b>9. Additional Law Enforcement Records Workstations</b>	
- 3 group(s) of 5 additional workstations at \$5,000 per group	15,000

<b>SUB-TOTAL RECORDS MODULES</b>	<b>\$92,000</b>
----------------------------------	-----------------

**DECISION SUPPORT SOFTWARE** <sup>11,12</sup>

<b>10. Law Enforcement Management Data Mart (CAD, RMS)</b>	
- Includes 2 users	2,000

<b>SUB-TOTAL DECISION SUPPORT MODULES</b>	<b>\$2,000</b>
---	----------------

**MOBILE SOFTWARE**

**MOBILE SOFTWARE ON THE RS/6000** <sup>13</sup>

<b>11. Base Message Switch to State/NCIC (51-100 units)</b>	54,000
- Base Message Switch for MDT/MCT	
- State/NCIC Interface	

<b>12. Additional Aegis® Software for RS/6000 Message Switch</b>	
- New World CAD Interface for Aegis MSP (51-100 units)	13,000
- Mobile Upload Software (16-30 units)	16,000

**MOBILE SOFTWARE ON THE MSP Server**

**13, Aegis® Mobile Integration Software**

- MDT/MCT Base CAD/RMS Interface (51-100 units) 11,000

**MOBILE MANAGEMENT SERVER**

**14, Aegis Mobile Management Server Software**

- Base CAD/NCIC/Messaging (51-100 units) N/C  
- Field Reporting (16-30 units) 7,000  
- Field Reporting Data Merge (16-30 units) 1,800

**CLIENT SOFTWARE**

**15. Aegis® Law Enforcement Mobile Unit Software (23 Units)**

**Mobile Messaging**

LE State/NCIC via Switch <sup>7</sup> \$500 ea. \$11,500  
LE CAD via Switch \$750 ea. \$17,250  
Mugshot Image Download \$200 ea. \$4,600  
In-Car Mapping \$400 ea. \$9,200

**Field-Based Reporting (23 Units)**

LE Field Reporting (Federal Standards) \$1,000 ea. \$23,000  
The following 5 New World Reports are included:  
- Incident (1 form)  
- Case (1 form)  
- Arrest (1 form)  
- Supplement (1 form)  
- Impound Vehicle (1 form)  
LE Field Reporting Compliance \$200 ea. \$4,600  
Mobile Upload of Field Reports \$600 ea. \$13,800  
Field Investigation Field Reporting (1 Form) \$300 ea. \$6,900

**16. In-Station -Based Reporting (1 Unit)**

LE Field Reporting (Federal Standards) \$1,000 ea. \$1,000  
The following 5 New World Reports are included:  
- Incident (1 form)  
- Case (1 form)  
- Arrest (1 form)  
- Supplement (1 form)  
- Impound Vehicle (1 form)  
LE Field Reporting Compliance \$200 ea. \$200  
Mobile Upload of Field Reports \$600 ea. \$600  
Field Investigation Field Reporting (1 form) \$300 ea. \$300

**17. Aegis® Fire Mobile Unit Software (30 Units)**

Fire CAD via Switch \$750 ea. \$22,500  
In-Car Mapping \$400 ea. \$12,000

**Subtotal** \$7,200 ea. \$127,450  
**Less Laptop Software Volume Discount of 25%** (\$31,863)

**TOTAL LAPTOP SOFTWARE** 95,588

**SUB-TOTAL MOBILE MODULES \$198,388**

**TOTAL SOFTWARE LICENSE FEE <sup>14,15</sup> \$397,388**

**B. IMPLEMENTATION SERVICES <sup>16</sup>**

ITEM	DESCRIPTION	INVESTMENT
<b>IMPLEMENTATION SERVICES</b>		
1.	Project Management Services as required: <ul style="list-style-type: none"> <li>- Project Management</li> <li>- Overall consultation and communication</li> <li>- Monthly status reports and project updates throughout the duration of the project</li> <li>- Implementation Plan</li> </ul> <p>Covers period of 8 months from Agreement Execution</p>	\$44,000
2.	Up to 69 days of Implementation and Training Services are included for: <ul style="list-style-type: none"> <li>- Software Tailoring and Set Up</li> <li>- User Education and Training</li> <li>- Other Technical Support</li> <li>- Travel Time Included</li> </ul> <p><i>* Assumes train-the-trainer approach, with the exception of CAD, which is end user training</i></p>	77,280
3.	Systems Assurance and Software Installation	30,000
	Aegis Enterprise High Availability Environment	14,500
	<ul style="list-style-type: none"> <li>- Install and configure high availability environment (HyperV or VMWare)</li> <li>- Configure application server</li> <li>- Consult on connectivity to new or existing Windows environment</li> <li>- Verify operating system and SQL configuration</li> <li>- Verify workstation configuration</li> </ul>	
	Message Switch Installation Support to include:	2,500
	<ul style="list-style-type: none"> <li>- Install and configure message switch</li> <li>- Configure system variables (i.e., operating system, interfaces, etc.)</li> </ul>	
	Standard Combined LE and Fire Mobile Environment	13,000
	<ul style="list-style-type: none"> <li>- Install and configure mobile servers (live and test)</li> <li>- Consult on connectivity to new or existing Windows environment</li> <li>- Verify operating system and SQL configuration</li> <li>- Verify mobile configuration</li> <li>- Verify wireless connection</li> </ul>	
4.	Fixed Installation Service Fees:	47,600
	<ul style="list-style-type: none"> <li>- Web CAD Monitor</li> <li>- CAD Pager Interface</li> <li>- 911 Interface</li> <li>- State/NCIC</li> <li>- On-Line CAD Interface to State/NCIC</li> <li>- Pre-Arrival Questionnaire Interface</li> <li>- ImageTrend Fire Export Interface</li> <li>- ePCR Interface</li> <li>- New World Mug Shots/Imaging</li> </ul>	<p>4,000</p> <p>4,000</p> <p>3,000</p> <p>6,000</p> <p>3,000</p> <p>4,000</p> <p>5,600</p> <p>5,000</p> <p>2,000</p>
	GIS Implementation <sup>17</sup>	
	<ul style="list-style-type: none"> <li>- Aegis Enterprise</li> </ul>	11,000

<b>5. Decision Support Software Implementation Services: (CAD, RMS)</b>		5,000
Standard Package	5,000	
- Installation of standard library components (cubes and dashboards)		
- 4 analytical reports/dashboards for specific agency needs		
- Basic training on working with data and reporting cubes		
- Requires 1 on-site trip - remaining work will be completed remotely		
<b>6. DATA FILE CONVERSIONS (Estimate)</b>		
<b>Data File Conversion Pricing Estimates</b>		12,000
<b>Data Conversion Analysis and Assessment</b>	3,000	
<b>Base Conversion</b>		
Master Files	9,000	
- Master Name (Jackets)		
- Addresses		
- Narratives		
<i>Includes one source of data: names, addresses, characteristics, relationships, contact info, prior addresses for names. Does not include everything the name is lined to (e.g., tickets, arrests, etc.)</i>		
<b>7. CUSTOM SOFTWARE/CUSTOM SOFTWARE INTERFACES (Estimate) <sup>18</sup></b>		14,000
<i>Preliminary pricing only - a more detailed description of the interface must be provided prior to obtaining final pricing prior to contract execution.</i>		
<b>Third Party Software Product (Custom Interfaces)</b>		
<b>CAD Interfaces</b>		
- ImageTrend Fire Incident Export Interface (one-way)	14,000	
<b>8. Project Optimization</b>		5,000
- Post-Live Optimization		
- Systems Assurance		
- State Compliance Submission		

<b>TOTAL IMPLEMENTATION SERVICES</b>	<b>\$234,880</b>
--------------------------------------	------------------

C. THIRD PARTY PRODUCTS AND SERVICES <sup>19</sup>			
ITEM	DESCRIPTION		INVESTMENT
<b>1. THIRD PARTY PRODUCTS AND SERVICES</b>			
<b>THIRD PARTY SOFTWARE</b>			
	<b>a. Embedded Third Party Software</b>		\$12,500
	<i>(includes all Third Party executable components)</i>		
	<b>b. GIS Software<sup>20</sup></b>		12,450
	CAD		
	- CAD Workstations using ArcGIS Engine Runtime (6 workstations)	500 ea.	3,000
	Mobile		
	- Mobile In-Car Mapping (23 units)	150 ea.	3,450
	<b>Geo-File Maintenance Software (ArcGIS for Desktop Standard)<sup>29,30</sup></b>		<b>6,000</b>
	- per workstation		
	<b>c. Mobile VPN Software - NetMotion Mobility (Perpetual Pricing)</b>		<b>10,600</b>
	53 units		10,600
	<b>Mobile VPN Software - NetMotion Mobility Annual Maintenance</b>		
	Premium Software Maintenance - 25% of Mobility Licensing Fee (per year)		2,650
	NetMotion Mobile Solutions Group - Sure Start Express		2,000
	- Planning Discussion (1 hour)		
	- NetMotion Engineer Availability - Remote (1 Day)		
	- Assistance Deploying Production Server		
	- Setup, Configuration and Technical Review		
	- Product Training and Best Practices		
	<b>d. 2FA ONE 2-Factor Authentication - User Licenses</b>		<b>3,857</b>
	23 units		1,127
	2FA ONE 2-Factor Authentication - Maintenance & Support (12 Months)		
	23 units		230
	2FA ONE 2-Factor Authentication - 1 Day (8 Hours) Remote Pro. Services		2,500
	2FA ONE 2-Factor Authentication - Soft Token / Hardware		
	OTP Soft Token via Smartphone App		Included
<b>THIRD PARTY HARDWARE</b>			
	<b>e. Hardware, System Software &amp; Services</b>		15,975
	Message Switch (3 year warranty)		10,750
	Lantronix UDS-1100 - 2 unit(s)	150 ea.	300
	Bar Coding Scanner Kit w/Signature Pad - 1 unit(s)	3,575 ea.	3,575
	Digital Camera for Mug Shots - 1 unit(s)	1,350 ea.	1,350
<b>TOTAL THIRD PARTY PRODUCTS AND SERVICES</b>			<b>\$60,032</b>
<b>TOTAL ONE TIME COST</b>			<b>\$692,300</b>

D. MAINTENANCE		
ITEM	DESCRIPTION	INVESTMENT

1. **COMBINED STANDARD SOFTWARE MAINTENANCE AGREEMENT (SSMA)** (Per Year Cost)

Based on a 5-year plan, with Year One being no charge; SSMA to begin at the end of the One-Year no-charge SSMA period. Includes 24/7 Support for CAD. (Includes Exhibit A ESRI Integration for the ESRI software that is part of Exhibit A Licensed Standard Software.)

One-Year No-Charge SSMA from Date of Delivery (Year 1 SSMA)	No Charge
Year 2 SSMA	\$76,021
Year 3 SSMA	\$80,244
Year 4 SSMA	\$84,468
Year 5 SSMA	\$88,691

*Note that SSMA price may increase after Year 2*

E. TRAVEL AND LIVING EXPENSES (Estimate)		
ITEM	DESCRIPTION	INVESTMENT

1. **TRAVEL AND LIVING EXPENSES** (Estimate)

Estimated 24 trips at \$2,000 per trip.	\$48,000
---	----------

<b>TOTAL ONE TIME COST w/5-YEAR SSMA AND TRAVEL</b>	<b><u>\$1,069,723</u></b>
---	---------------------------

**PRICING VALID THROUGH DECEMBER 24, 2015.**

**OPTIONAL APPLICATION SOFTWARE**

<b>A. STANDARD APPLICATION SOFTWARE</b> <sup>1,2,3,4</sup>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>INVESTMENT</b>

- 1. Additional Aegis Enterprise Software for Computer Aided Dispatch** <sup>5</sup>
  - CAD Auto Routing
  - CAD AVL
- 2. Additional Aegis/MSP Software for Law Enforcement Records**
  - Alarm Tracking and Billing
  - Orders of Protection
  - Pawn Shops
  - Permits
- 3. Additional Aegis® Software for RS/6000 Message Switch**
  - AVL Interface (51-100 units) <sup>21</sup>

**MOBILE SOFTWARE ON THE MSP Server**

- 4. Aegis® Mobile Integration Software**
  - AVL CAD Interface (51-100 units) <sup>21</sup>

**CLIENT SOFTWARE**

- 5. Aegis® Law Enforcement Mobile Unit Software (23 Units)**
  - Mobile Messaging**
  - In-Car Routing
  - New World AVL

**Field-Based Reporting (23 Units)**

LE Accident Field Reporting  
 The following New World Report is included:  
 - Accident (1 form)  
 LE Accident Field Reporting Compliance

- 6. Aegis® Fire Mobile Unit Software (30 Units)**
  - In-Car Routing
  - New World AVL

*Note: The above software modules vary in cost from \$4,000 to \$23,000 each. The Customer has the ability to add them at any time to the proposed configuration. Training and Support Services costs as well as Maintenance (SSMA) costs for these optional modules are not included on the preceding pages, however, they may be easily incorporated into the proposal upon determination of the final software package.*

**PRICING VALID THROUGH DECEMBER 24, 2015.**

## MSP ENDNOTES

- 1 *Personal Computers must meet the minimum hardware requirements for New World Systems' Aegis products. Microsoft Windows 7/8 or later is required for all client machines. Windows 2008/2012 Server and SQL Server 2008/2012 are required for the Application and Database Server(s).*
- 2 *New World Systems' Aegis product requires Microsoft Windows 2008/2012 Server and SQL Server 2008/2012 including required Client Access Licenses (CALs) for applicable Microsoft products. Servers must meet minimum hardware requirements provided by New World Systems.*
- 3 *New World Systems' Aegis product requires Microsoft Excel or Windows Search 4.0 for document searching functionality; Microsoft Word is required on the application server for report formatting.*
- 4 *New World recommends a 100/1000MB (GB) Ethernet network for the local area network. Wide area network requirements vary based on system configuration, New World will provide further consultation for this environment.*
- 5 *Does not include any required 3rd party hardware or software unless specified in Section C of this proposal. Customer is responsible for any 3rd party support.*
- 6 *Requires Lantronix UDS 1100 included in Section C of this proposal.*
- 7 *Customer is responsible for obtaining the necessary State approval and any non-New World hardware and software. Includes state-specific standard forms developed by New World. Additional forms can be provided for an additional fee.*
- 8 *Federal UCR/IBR includes edits, reports and electronic submission.*
- 9 *State Accidents includes logic and reports; electronic submission is included where mandated by the State.*
- 10 *Camera must meet product specifications and be procured through New World.*
- 11 *Application may require a separate Server.*
- 12 *Configuration and end user training to occur after Customer has been live for 3 months or longer on an application.*
- 13 *Currently supporting Commercial 3G/4G Broadband Wireless, 802.11, NetMotion and Radio IP VPN solutions.*
- 14 *Prices assume that all software is licensed. Prices are quoted as preliminary estimates only and are subject to further clarification and confirmation.*
- 15 *Licensed Software, and third party software embedded therein, if any, will be delivered in a machine readable form to Customer via an agreed upon network connection. Any taxes or fees imposed are the responsibility of the purchaser and will be remitted when imposed.*
- 16 *Travel and expenses are not included as they are billed at actual cost.*
- 17 *New World's GIS implementation services are to assist the Customer in preparing the New World required GIS data for use with the Licensed Aegis Software. Depending upon the Licensed Software the Customer at a minimum will be required to provide an accurate street centerline layer and the appropriate polygon layers needed for Unit Recommendations and Run Cards in an industry standard ESRI file format (Personal Geodatabase, File Geodatabase, Shape Files). Customer is responsible for having clearly defined boundaries for Police Beats, EMS Districts and Fire Quadrants. If necessary New World will assist Customer in creating the necessary polygon layers (Police Beats, EMS Districts and Fire Quadrants) for Unit Recommendations and Run Cards. New World is not responsible for the accuracy of or any ongoing maintenance of the GIS data used within the Licensed Aegis Software.*
- 18 *Custom interface will be operational with existing third party software. Any subsequent changes to third party applications may require additional services.*
- 19 *Customer is responsible for any ongoing annual maintenance on third party products, and is advised to contact the third party vendor to ensure understanding of and compliance with all maintenance requirements.*
- 20 *All Aegis/MSP Customers are required to use ESRI's ArcGIS Suite to maintain GIS data. All maintenance, training and on-going support of this product will be contracted with and conducted by ESRI. Maintenance for ESRI's ArcGIS suite of products that are used for maintaining Customer's GIS data will be contracted by Customer separately with ESRI.*
- 21 *Requires 3rd party GPS hardware.*