Port of Virginia's Homeland Security Program

Ed Merkle
Formerly the Director of Port Security & Emergency Operations

Virginia Port Authority
The Port of Virginia

Virginia Inland Port

Norfolk International Terminals

Newport News Marine Terminal

Future CIMT

APM Terminals

Portsmouth Marine Terminal
VPA Security Department

- Sworn Police Officers
- Non-Sworn Support Staff
- Private Security

- Assigned To All Gates
- Patrol Terminals 24/7
- Marine & Inland Terminals
Port Command Center

- Sensor Integration
- GIS Smart Display
- VOIP/VTC
- Fire Alarm Monitoring
- Mass Notification
- Weather
- Critical Spaces/Equipment
Video Enhancement
Smart Fence – Intelligent Video

- Reduced Patrols
- Actionable Information
- Port Command Center Incident Resolution
VPA Alert

- Emergency Communications
- Employee Safety & Security
- Reliability - Low Cost – User Friendly
Interoperability

- Handheld Radios
- Vehicle Radios
- Control Console
- “Point to Point”
- MOU with locales
- First Responders

Terminal Operations
Maritime Incident Response Team

- On scene technical advice and agency liaison
- Over 100 local firefighters and port partners
- 17 local agencies
Point To Point

Hampton

NIT Tower

FIBER OPTICS

NIT Dispatch
Wireless Capabilities - MotoMesh

Terminal Installations

Capabilities

• Secure wireless
• Self-healing
• 801.11 wireless
• Wireless video support
Crane “All-In-One” CCTV System

X 8
Gate Access - TWIC

- High Gate Transactions
- Fixed Readers
- Handheld Readers

- Multiple Occupants
- Multiple Vehicle Sizes
- Varied Requirements
Challenges

➢ **Actionable Data**
  - Rapid Analysis / Dissemination
  - Reducing False Positives

➢ **Environment**
  - Maritime Port Domain
  - Marine Terminal Operations

➢ **Balance**
  - Security
  - Efficiency
  - Return on Investment
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