

Introducing the Delaware Valley Intelligence Center (DVIC)

*“Integrating Enabling Technologies And People Across
All Facets Of The Intelligence Process.”*



The Delaware Valley Intelligence Center (DVIC) will serve as a nexus of information and intelligence collection, analysis and dissemination services to enhance the public safety mission in the four-state Delaware Valley Region.



About DVIC

The **Delaware Valley Intelligence Center (DVIC)** is a 24-hour/7 day-a-week, all-hazards, all-crime, information and intelligence collection, analysis and dissemination facility. Staffed by member agencies, its mission will be to support and enhance public safety operations in the four-state Delaware Valley Region.

The DVIC will perform the role of a regional Fusion Center. The Center will support and enhance the activities of the numerous investigative and operational bodies currently functioning in these states by enabling them to have the best available information and assessments of that information.



Using an "All Crimes Model" that supports the migration, processing and integration of data from a myriad of loosely federated sources, the DVIC will develop actionable intelligence and get it to the right people in a timely fashion so that it can be used against designated adversaries with assurance.

The Southeast Pennsylvania Regional Task Force (SEPA RTF) is leading the DVIC initiative in partnership with NJ Office of Homeland Security and Preparedness (OHSP), Philadelphia Area Regional Transit Security Working Group (PARTSWG), and The City of Philadelphia. Development of the DVIC is being driven by the DHS/DOJ Fusion Center Guidelines and its supplement, Baseline Capabilities for State and Major Urban Area Fusion Centers.

Implementation of the DVIC's mission is being accomplished through the execution of a three-phase program:

Phase I: Assessment of Implementation Requirements and Cost Analysis - **COMPLETED**

Phase II: Development of Detailed Design and Implementation Plans - **COMPLETED**

Phase III: Implementation - **UNDERWAY**

DVIC development is proceeding under an approved charter which includes a Managing Board, Executive Advisory Committee and Working Groups. The Managing Board includes voting seats for agencies providing funding for the project, while the Executive Advisory Committee is open to all DVIC partners. The working groups include Intelligence Sharing & Privacy, Technology, Administration & Grants, and Ad hoc Committees.

The environment anticipated is that of a renovated portion of warehouse property in Philadelphia. Adequate space, infrastructure, and security will support the operational requirements of the DVIC Stakeholders.



For additional information about the Delaware Valley Intelligence Center, contact:

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The Delaware Valley Intelligence Center (DVIC)



SOSSEC Consortium

Intelligence And Fusion Center Capabilities

About SOSSEC and SOSSEC Inc.

The events of 9/11 spawned a U.S. Army initiative to "Provide Solutions to meet Local, Regional and National Force Protection (FP), Homeland Defense (HD), and Homeland Security (HS) needs with a System of Systems Scalable, Interoperable and Integrated Approach for Addressing Emerging 21st Century Threats." The Army program, later known as the System of Systems Security Integration Initiative (SOSSEC), fosters the collaboration of federal, state, and local governments; academia and industry to provide effective affordable solutions to Homeland Security problems.

During the past five years the SOSSEC Consortium has enjoyed many successes. Its members have integrated more than 10 multi-million dollar development programs for federal, state, and local authorities in diverse regions of the country:

- The **Delaware Valley Intelligence Center (DVIC)** - A regional Fusion Center serving the Greater Philadelphia metropolitan area
- The **Regional Operations and Intelligence Center (ROIC)** - The State of New Jersey's Fusion Center
- The **Integrated Emergency Operations Center (IEOC)** serving PA Region13 and the city of Johnstown, PA
- **West Virginia Fusion Center** supporting Project National Shield
- The integration of advanced communications systems for **Pinellas County, FL**
- **Interim and Final EOCs** at U.S. Army Armament Research, Development, and Engineering Center (ARDEC) at Picatinny Arsenal, NJ
- An **Advanced Perimeter Defense Security** systems installed for the PA National Guard and U.S. Air Force (USAF) at Andrews Air Force Base (AFB)
- Facilitated the U.S. Army **Layered Defense Demonstrations (LDD 1, 2)** highlighting integration and interoperability of a variety of Homeland Security/Defense technologies.

SOSSEC Inc., was chartered as the single point of contract activity for the consortium.



SOSSEC Core Capabilities

- **Technology Transfer from Department of Defense (DoD) and Intelligence Agencies**—tailored for the HLS/HLD Operating Environment—providing an important source of enabling techniques and technologies
- **Specialized expertise in Intelligence Collection, Processing and Dissemination**—reducing risk and ensuring real-time delivery of actionable intelligence data for public safety, intelligence-led policing, and emergency preparedness and response
- **Demonstrated excellence in large scale system of systems integration**—ensuring responsive, interoperable enterprise scale capabilities integrating people, organizations, information and systems into an effective whole
- **Application of standards-compliant processes and best practices**—reducing startup and delivery times, reducing cost and risk, and ensuring uniformly high quality of all products
- **Proven Rapid Development, Integration, and Delivery Capability**—supporting early Intelligence Center and EOC operational capabilities
- **Research**—working with members and affiliates in government, industry and academia to evaluate new and emerging tactics, techniques, procedures
- **System Acquisition**—applying a unique understanding of the acquisition community to improve and streamline the acquisition process.

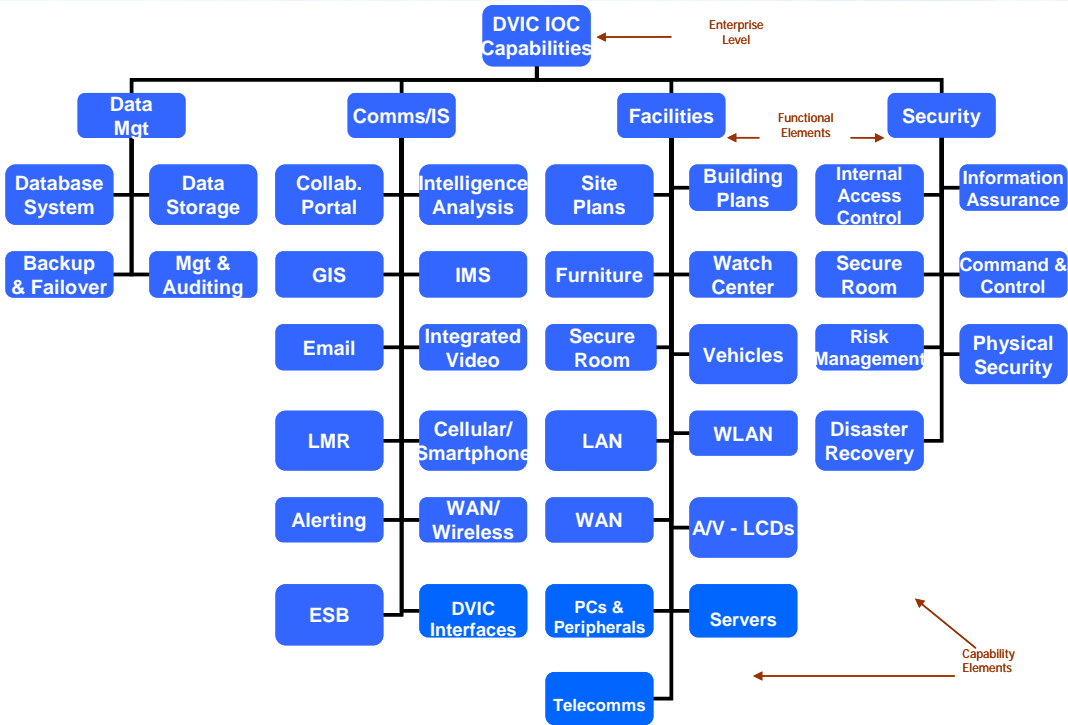
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Mr. Eugene DeCoco: Director, SOSSEC Inc. edelcoco@sossecinc.com 570-213-0478

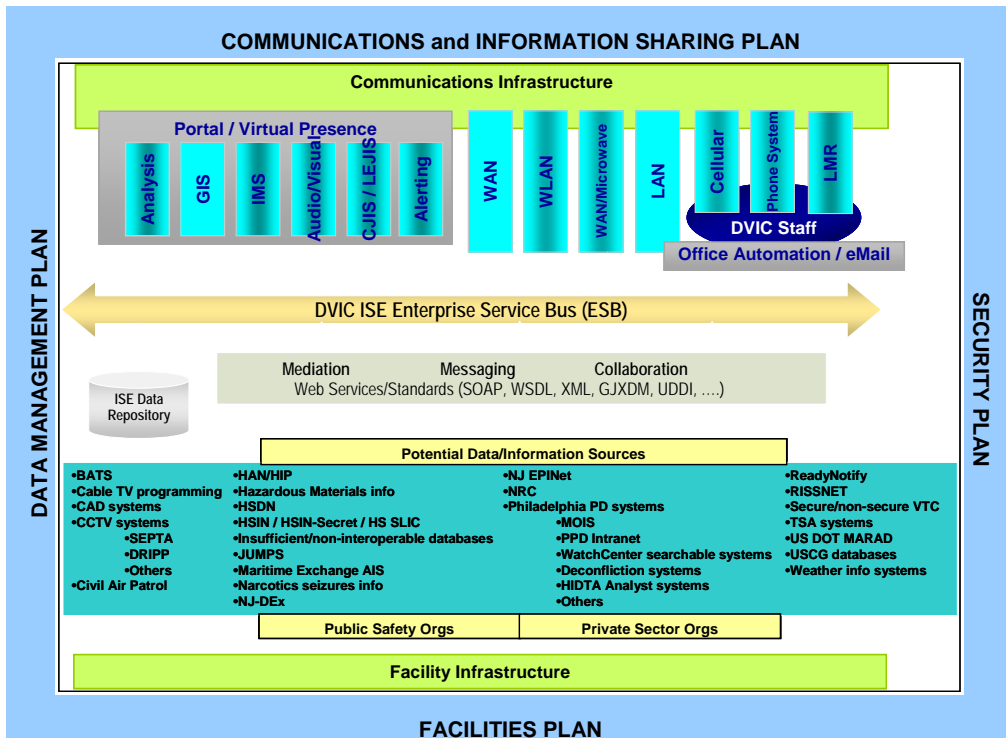
DVIC Systems Architecture

Initial Operating Capabilities (IOC)

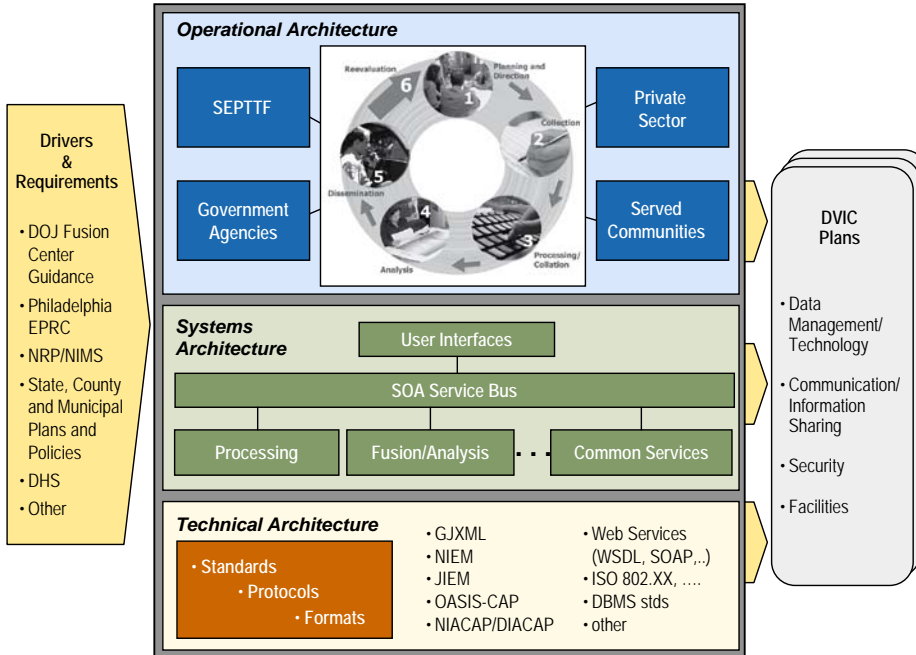


DVIC Technical Architecture

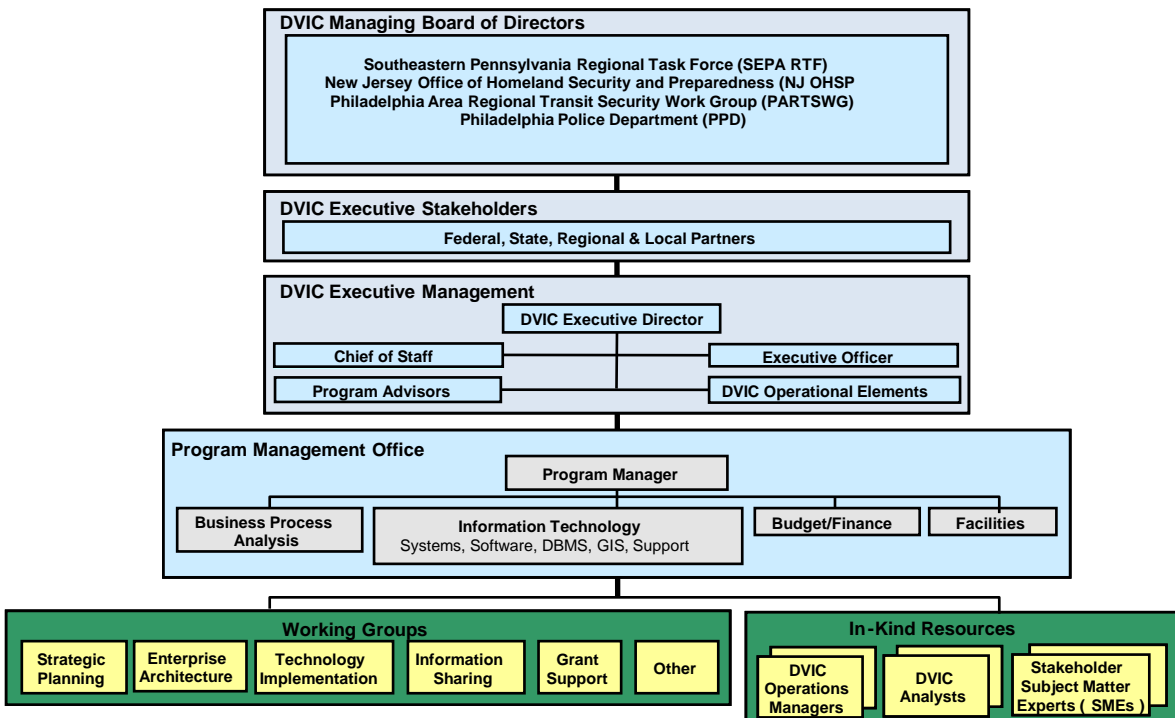
Information Sharing Environment



DVIC Enterprise Architecture



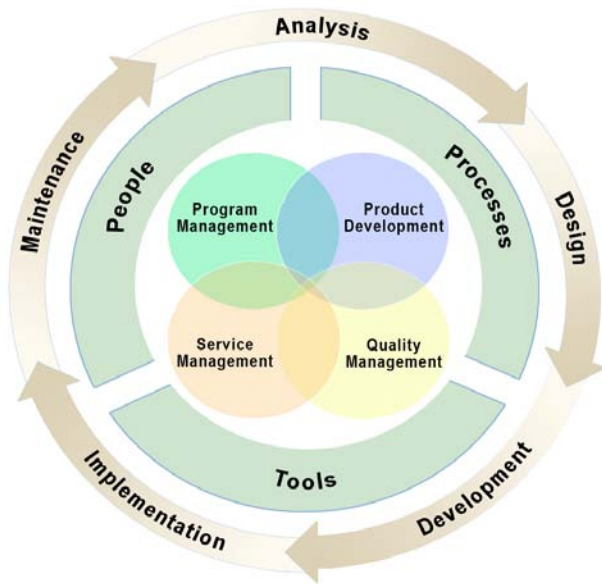
DVIC Operational Architecture Governance Model



SOSSEC'S Role In The DVIC Program

The Southeastern Pennsylvania Regional Task Force (SEPA RTF) required a study that identifies the information flow, business processes, decision-making processes, functional and technical requirements, enabling facilities and IT infrastructure that will support the new regional DVIC and City of Philadelphia EOC.

SOSSEC's Spiral Development Methodology



SOSSEC offered an ISO 20000-compliant Enterprise Process Architecture (EPA) approach to meet the requirements of the DVIC. SOSSEC introduced a *Spiral Development Methodology* that delivers incrementally increasing capabilities. This proven, repeatable, cost-effective approach capitalized on the SOSSEC Consortium's broad expertise in fusion center development, architecture and engineering, command and control, emergency management system development, systems engineering and integration of complex intelligence, law enforcement, homeland security, and emergency management systems.



SOSSEC harnessed the power of a consortium of established leaders from industry and academia under the direction of a proven Technical Lead: CACI Technologies, Inc.

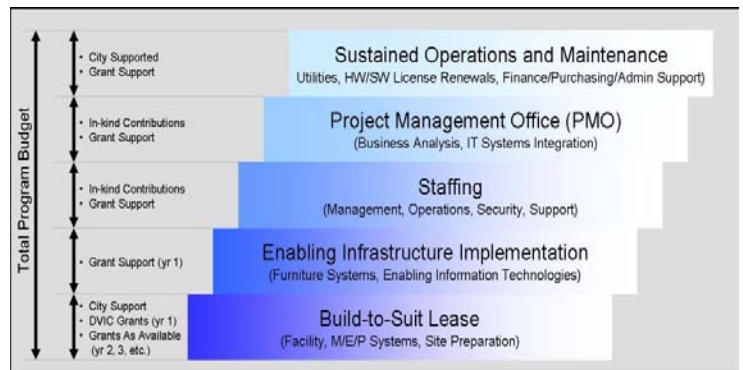
The EPA process is further bolstered by SOSSEC's strong implementation support environment, which includes experienced consulting services, training, and applicable tool support.

SOSSEC's rapid delivery capability is based on Consortium member CACI's experience of over 45 years of delivering complex, mission critical intelligence system solutions for DoD and Intelligence agencies. This capability allows the integration team to afford SEPA RTF the ability to achieve early operational deployment for the DVIC while tailoring implementation to changing needs and threats.

SOSSEC analyzed the processes, collected user requirements, and identified needs across several functional areas that resulted in design plans for the DVIC. SOSSEC then developed an Implementation Architecture based on the Department of Defense Enterprise Architecture Framework (DoDAF) Model.

The Enterprise Process Architecture Approach and Spiral Development Methodology also account for potentially unpredictable funding flows. SOSSEC developed a flexible and scalable cost model for the DVIC that will allow for the introduction of new technologies and expansion of capabilities as new funding sources are identified, while clearly forecasting operations and maintenance requirements for the facility, regardless of its operational state.

DVIC Cost Model



For additional information on SOSSEC's role in the DVIC program, contact:
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