

Unisys Reston Center of Excellence

Enterprise Security Solutions Demos

Interoperability and Integrated Security

Secure Border Initiative (SBIInet)

Description: Unisys provides all the information technology and information systems integration for SBIInet. We provide the Common Operating Picture (COP), command, control, communication and dispatch system – the nerve center of SBIInet – to border stations, agent vehicles, handheld devices, and sector and agency headquarters. We also provide:

- Surveillance, detection and targeting systems between and at Ports of Entry
- All IT infrastructure, both mobile and fixed, including network and security monitoring, and operations and maintenance
- Open Source intelligence solutions to provide actionable indicators of changes in illegal migration and smuggling; new analytical tools for detecting patterns and predicting illegal activity; and
- Law enforcement information-sharing systems, biometric systems and radio frequency identification (RFID) technology to ensure the effective identification, processing and removal of illegal aliens.

Benefits: SBIInet is helping the U.S. Customs and Border Protection (CBP) gain operational control of the U.S. borders. SBIInet delivers a border control system that enables absolute prediction, detection, deterrence, identification and classification, response and resolution of unauthorized border entries.

Intelligent Mobile Response

Description: Unisys Intelligent Mobile Response enables interoperable radio communications between systems of different manufacturers, standards, frequency spectrum, etc., as well as other devices including telephones, PDAs, computers, etc.

Benefits: A cost-effective solution that enables first responders and other organizations to communicate with each other. Helps reduce the costs associated with replacing radios for interoperable communications. Minimal set-up time required enabling fast operational deployments as well as rapid response in emergency situations.

Information Sharing & Management Framework

Description: The Unisys Information Sharing & Management Framework supports and integrates all of the key business processes required to process cases through the justice system, including: pushing and pulling information electronically from one agency system to another at critical points within the justice process; single query access to aggregate criminal justice information from all participating agencies; and notification services to provide justice officials with key data at critical points within the justice process.

Benefits: The Unisys Information Sharing & Management Framework enables electronic information sharing among agencies at critical points in the justice process. Other benefits include single query access to aggregate criminal justice information from all participating agencies and timely receipt of key data for justice officials.

Previstar Continual Preparedness System

Description: Previstar is designed from the ground up to support all-hazard, multi-agency, multi-jurisdictional incidents. It handles communications, knows where resources, both human and equipment are, geocodes that information onto maps, and keeps a searchable, electronic filing cabinet of documents, incident plans, task lists, maps, floor plans and incident plans. Previstar has applicability for emergency managers, but also fits into the requirements of public safety, including first responders and terrorism planners, who want to identify, geocode and digitize critical infrastructure; track people, equipment, disease vehicles and supplies; build plans and conduct exercises. From Agroterrorism to Pandemic Flu, public health is more active in how to plan for, respond to, and recover from an incident than ever before. To support them, we have pre-built models and a custom model builder, as well as volunteer credentialing and other public health content.

Benefits:

Emergency Management: NIMS all-hazard, multiagency, multi-jurisdictional facilitation; associate ESF functions with organizational entities; communications hub; integrated GIS capabilities; searchable, online, multi-media database of critical files.

Public Safety (first responders, terrorism planners): Identify, Geocode, digitize critical infrastructure. Track people, equipment, vehicles, supplies. Build plans, conduct exercises.

Public Health: Pre-built disease models. Custom model builder-smallpox, anthrax, cholera, plague, pandemic flu. Volunteer credentialing.

Border Security

Border Crossing ID Verification

Description: The Unisys Border Crossing ID Verification Solution combines document authentication and biometric identity verification technologies in a desktop kiosk that can be integrated with national and international watch lists, providing border control officials with a tool that increases efficiency and reduces the risk of error at airport and other border control points.

Benefits: By combining advanced technology with an efficient process to conduct detailed analysis of data, this solution provides easy-to-read assessment information to border control agents quickly and efficiently, reducing the risk of error and processing time. Processing travelers at border control points can be completed in 20 to 30 seconds with greater accuracy than ever before. This solution increases agents' abilities to detect fraudulent travel documents and recognize individuals on law enforcement and other watch lists.

Secure Citizen Identity

eID Solution

Description: The Unisys eID Solution supports and integrates key business processes, including application and enrollment, card issuance and quality assurance, and point-of-service verification and authorization. Using fixed or portable ID verification devices, the Unisys eID Solution can support a comprehensive national identification program as well as specific government-related services and activities, such as voter registration, driver services and vehicle services. Other potential applications include immigration or temporary worker registration, health and social services eligibility and benefit distribution.

Benefits: The flexible workflow process and framework enables the rapid implementation of a solution tailored to meet client-specific requirements. Document authentication and database checks of data and biometrics ensure each citizen is issued only one card. Advanced security features on the cards reduce the potential for tampering and forgery. Using citizen identification cards will enable cardholders to obtain government services much faster while providing governments with increased confidence in respect to cardholder identity.

Secure Traveler Identity

e-Passport Solution

Description: The Unisys e-Passport Solution supports and integrates key business processes, including enrollment and identity verification for passports, visas and other travel documents; document issuance; and quality assurance. Identity may be verified using our portable ID verification solution.

Benefits: This solution provides a flexible workflow process and flexible framework based on industry-standards, facilitating the rapid implementation of a solution tailored to meet client-specific requirements. Document authentication and database checking of data and biometrics ensures each citizen is issued only one passport. Advanced security features in the document reduce the potential for tampering and forgery.

Registered Traveler Solution

Description: Unisys offers a complete end-to-end Registered Traveler Solution that provides enrollment services, checkpoint verification kiosks, comprehensive customer service and credential issuance. This solution is designed with interoperability compliance in mind, and guarantees interoperability with all programs adhering to the standard.

Benefits: Pre-processing of travelers at airport security lines can be completed in seconds. Travelers benefit as their airport processing times become predictable. Airports benefit because they can allocate their screening resources more efficiently while improving customer satisfaction.

Secure Traveler Identity

SafePass Solution

Description: The Unisys SafePass Solution demonstrates new capabilities for the processing of arriving passengers, including U.S. residents, foreign nationals with visa waiver status and foreign nationals without visa waiver status. It also offers the ability to complete U.S. Customs entry forms.

Benefits: Pre-processing of travelers at origination airports enables expedited arrival processing through the use of sophisticated biometric capture technologies coupled with efficient pre-processing procedures. Destination airports operate with increased efficiency.

In-Transit Visibility

RFID Asset Visibility Solutions

Description: Unisys RFID Asset Visibility Solutions support the full lifecycle implementation of RFID systems and technology, including: systems integration and solution architecture services and system development, site survey services, deployment and field services, and solution training services.

Benefits: Unisys RFID Asset Visibility Solutions provide near real-time, in-transit visibility for all classes of supplies and material. Provide “in the box” content level detail for all classes of supplies and material. Provide quality, non-intrusive identification and data collection that enables enhanced inventory management. Enhances item level visibility.

Security Advisory Services

Enterprise Security Advisory Services

Description: Unisys provides a unique combination of IT security, networking and management services that leverage a common, standards-based (ITIL, CoBIT) service delivery infrastructure. Our IT security offerings encompass network and application security and security incident management services hosted on global next-generation security information and event management platforms, utilizing industry-leading technology.

Benefits: Unisys Enterprise Security Advisory Services enable clients to reduce security staffing challenges, leverage the experience of security experts 24x7, provide improved and broader service levels, and enhance their infrastructure visibility. Clients also benefit from the synergies of common incident management and trouble ticketing systems—whether for service desk, managed security services, managed network services or other services.

Transaction Assurance

Enterprise Fraud Prevention

Description: Unisys Enterprise Fraud Prevention solutions are built with our partner Actimize on a single, robust, scalable anti-fraud platform that leverages a unique, multi-dimensional profile approach to detecting suspicious patterns and behaviors. Solution packages provide fraud detection and prevention capabilities in distinct business areas while leveraging the benefits of the Enterprise Fraud Platform. Pre-package fraud prevention solutions are available to address insider fraud; check fraud; cross-channel fraud over multiple payment types like ACH, Wire, ATM, Debit, Credit and Check; and card fraud. Each fraud prevention solution incorporates cross channel customer activity monitoring for a more complete customer view and can be tailored to fit your dynamic business needs and environment. The solutions also offer built-in support for both batch and real-time detection.

Benefits: With Unisys Enterprise Fraud Prevention solutions, you can stop losses before they occur, improve detection of real fraud events while reducing false positives and identify more types of fraud while optimizing case management. Additional fraud prevention packages can be easily added to the Enterprise Fraud Platform to increase fraud coverage over time. All Unisys fraud prevention solutions are implemented with our partner Actimize's integrated web-based case manager for enhanced research, alert management, reporting and audit tracking. Fraud analysts can easily query and explore transaction and activity log data, access information on related fraud events and view detailed profiles of all accounts and individuals involved.

Secure Document Delivery

Description: In partnership with Striata, Unisys offers companies a modular software solution, designed to facilitate the electronic delivery and presentation of documents and bills through secure email delivery. This solution provides for multiple delivery channels including email and fax, as well as payment collection channels such as web and contact centre interfaces. Administration of the system is made simple through the secure web interface, enabling users to initiate, monitor and report on system activity. The solution offers a range of security options, designed for the most stringent of security requirements, to the most flexible and user-friendly.

Benefits: Unisys Secure Document Delivery dramatically reduces document delivery and billing costs, enhances customer service and provides a dynamic and flexible marketing channel. You can deliver your customer statements and bills via secure email, without the need for the customer to register. You can also deliver confidential documents such as loan documents and insurance policies by securely encrypted email. Built into this software solution is the ability to personalize messages based on customer profiles. This targeted marketing capability is an invaluable tool for financial institutions to increase product awareness and enhance customer retention.

Transaction Assurance

Identity Theft and Check Fraud Solutions:

Check ImageMask

Description: Unisys, in collaboration with The 41st Parameter and its ImageMask technology, provides a solution that allows financial institutions to provide necessary check information without exposing sensitive data. ImageMask is a wrapper function around your existing image content. It takes the scanned document image and blurs sensitive parts before presenting it to the end user. Your typical delivery process and image remain intact, processing time is negligible and no duplicate images are generated.

Benefits: With Image Mask you can protect sensitive customer data from fraud and identity theft without the need for customer education, adoption or enrollment. Image Mask quickly integrates into existing online business processes and all image masking is done on-the-fly to the presented image only - all without altering the original stored check image. The masked image offers customers the information needed for most purposes yet masks the sensitive information.

Automated Check Image Analysis for Increased Fraud Prevention

Description: Working in partnership with Kappa Image, Unisys offers an automated check image fraud analysis solution. This solution provides increased accuracy while lowering the monetary threshold so that more check images for lower amounts can be examined with higher success of identifying real fraud events, and less false positives.

Benefits: This solution offers more comprehensive and effective fraud detection through a unique, feature-based set of counterfeit and forgery detection functions in one package. It is completely automated and unlike template-based approaches that require a manual definition process, this solution is self-learning and automated. It has an open system framework that supports multiple image analysis needs and the cost is significantly less than competitive offerings.

PhishingNet™

Description: Unisys and The 41st Parameter have joined together to offer PhishingNet, which enables forensic identification of computers to provide increased visibility into each login attempt and protect sensitive customer data. The comprehensive analytics engine, comprised of more than 200 separate algorithms, offers a complete case management tool for efficient investigation and accurate analysis of fraudulent logins. PhishingNet gathers more than 40 parameters from the user's machine, and by computing over 270 algorithms to assess potential risk. The results yield a 'digital fingerprint' and help differentiate each individual PC visiting a website regardless of past registration, the credentials presented or the Internet connection (IP address).

Benefits: PhishingNet provides increased accuracy in determining authorized users, and provides a single point investigation tool and one click link analysis for efficient identification and containment of suspicious logins. PhishingNet is customizable to fit a variety of business models. It approximates the authenticity of a user even when the fingerprint doesn't exactly match previous logins to permit legitimate access and reduce false rejects. PhishingNet can be used as a first line of defense that is transparent to users, and combined with customer security solutions that are more intrusive, such as challenge/response, as a second line of defense.

Enterprise Payments

Open Payments Platform

Description: Unisys has developed an Open Payments Platform to meet the demands faced by banks in maintaining and growing their payments business. The Unisys Open Payments Platform is based on a Service-Oriented Architecture (SOA) Bank Payment Hub—from Unisys partner Clear2Pay—that includes proven components for external interfaces, and for the validation, processing and management of payments. The components can be quickly orchestrated with Business Process Engineering Language (BPEL) rules into next generation payment solutions. A Payments Landing Zone feature of the Open Payments Platform consolidates data from multiple payment types and multiple sources into a single enterprise view. Integrated SOA solutions are available on the Open Payments Platform to solve many of today's most demanding payment challenges such as high volume check image processing, SEPA Direct debit and credit transfer solutions, cross-border person-to-person payments, payment order management and wire transfer system replacement.

Benefits: The Unisys Open Payments Platform modernizes a bank's payment solutions to drive revenue growth, improved business agility, lower costs, and reduced risk and liability. The SOA component solutions incrementally transform aging legacy payment systems while standards-based software on commodity hardware lowers costs and adapts easily. It scales incrementally to meet growing performance demands while providing mission-critical reliability and disaster recovery. The Open Payments Platform offers a single solution platform for multiple payment types which eliminates silo redundancy and improves security and compliance.

Oracle Payments Business Intelligence Accelerator

Description: The Unisys-Oracle Payments Business Intelligence (BI) Accelerator provides business analytics based on a payments data warehouse. The solution enables consolidation of customer and payments data from multiple sources including payment transactions, customer information, cost and revenue data. The data warehouse supports reporting and analysis for payments business performance, customer profitability and risk management. Pre-defined business intelligence reports and tools to easily produce additional reports and analytics are included with the solution.

Benefits: Unisys-Oracle Payments Business Intelligence Solution provides greater insight into your payments business to enable business decisions that drive revenue growth, improved business agility, lower costs, and reduced risk and liability. With it, you can better understand the behaviors, risks and profitability of your customers and create more targeted programs that maximize your bank's success. It allows you to predict accurately and manage payments revenue streams, volumes and capacity with improved visibility to balance revenue and risks. By using Payments BI, you can optimize the balance between fee-based and interest based income through greater portfolio visibility. This solution also helps you to understand the impacts of compliance, regulatory and market changes so that you can make fact-based decisions holistically across payments silos.

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