

Distillery Software on Sun

Integrated intelligence and case management for the enterprise



> An enterprise intelligence management system with a centralized repository of information enhances collaboration between operational and intelligence units — enabling intelligence units to securely share data, solve crime faster, speed paperwork, and close cases with substantiated evidence. Together, Distillery Software and Sun offer scalability and security for the intelligence community — implementing powerful security features to make intelligence available across stakeholder groups, enhance the ability to prevent crime, and catch and prosecute criminals.

Highlights

- Securely collect, analyze, and disseminate intelligence with supporting case management, tasking, and alerting capabilities
- Increase flexibility in capturing information about criminal, social, and target networks while supporting proactive operational processes for working with that information
- Extend the intelligence capability out to operational units with integrated case management
- Automate intelligence-centric operations from a single platform
- Support reporting and integration with business intelligence tools that enable managers to gain a holistic view of intelligence data
- Securely communicate sensitive intelligence using Sun's secure and stateless network computing platform

Bringing operational and intelligence units together

Distillery Intelligence Hub enables organizations to collect, analyze, and disseminate intelligence — providing a secure and scalable solution for agencies in law enforcement, national security, and border control. The underlying intelligence model allows a flexible 360 degree view of both intelligence and operational process data, providing a unique perspective for analysts, investigators, and managers.

Law enforcement

Capturing and managing business logic around the full intelligence lifecycle enables a high level of intelligence-led investigation to improve policing practices. Developed in collaboration with national intelligence organizations, the Distillery security framework supports both need-to-know and need-to-share concepts through functions such as signposts, tripwires, and access certificates. By sharing a common knowledge repository for case management, operational and intelligence units are united and equipped with intelligence tools for profiling, document analysis, and visual charting that deliver an advantage in the fight against crime.

National security

National security agencies face a wide range of requests for security vetting. Using powerful and customizable identity searches, agencies can automate and improve the probability of matches during the identity resolution process — helping decision makers assess matches and determine prejudicial effect. With the Distillery vetting model, agencies can help reduce risk by automating processes such as checks on backgrounds, security clearance, and dangerous chemical purchases.

Border control

Intelligence systems become more effective with Distillery's integrated investigation management. With powerful linking and sharing capabilities, disparate sources of information can be consolidated to help build a picture pertaining to groups and individuals involved in human trafficking, immigration fraud, and other related activities. An automatic information discovery process, with structured and unstructured search capability, including fuzzy name matching, cross-entity searches, and network link traversal, helps check intelligence repositories to assess risks and threats.

Scalable and highly available solution for securing the intelligence infrastructure

Distillery Software provides intelligence and investigation management solutions for a wide range of customers spanning intelligence agencies, police forces, border control agencies, anti-corruption, and financial institutions. When organization size or application usage changes, a scalable system is needed to continually provide acceptable levels of performance. Sun offers systems for every need, from single-core x64 systems and workgroup storage to mainframe-class servers and storage systems. The Solaris™ 10 Operating System (Solaris OS) provides exceptional performance and throughput and enables seamless scalability from small to larger systems without changing the underlying operating system or application. For near-instant scalability, Sun's larger servers support Capacity on Demand — servers are preconfigured with additional CPU and memory but the cost is deferred until the capacity is actually used. The real-time information sharing capabilities of Distillery Software require a highly available environment. With the Solaris 10 OS, intelligence units can take advantage of advanced availability features including predictive diagnosis and isolation of faulty components, automatic restart of hardware and software, online hardware repairs and upgrades, as well as on-the-fly updates — helping to minimize both planned and unplanned downtime.

For intelligence units, valuable information must be protected at all times and the Solaris OS can help prevent external attacks and help reduce internal misuse of information. Implementing the Solaris Internet Protocol Filter firewall software helps minimize the number of network services that are exposed to attack from malicious network packets. By using the Solaris Basic Audit and Reporting Tool (BART) or the free Solaris Fingerprint Database project, organizations can quickly check the integrity of both OS files and data files to validate existing configurations and locate possible corruption. A freely available Solaris Security Toolkit can be used to further assist in the process of installing, maintaining, and replicating a minimized and hardened operating system configuration.

Large metropolitan police force gains complete view of intelligence operations

After determining operation overlaps between intelligence units, this large metropolitan police force decided to unite the disjointed functions that existed between operational and intelligence functions. This breakdown of information flow was negatively impacting the police force's ability to track criminals and support the conviction process. They determined that they needed an immediate plan to help reduce the extra steps required to capture, process, and pass information among intelligence units.

Learn More

For more information, visit sun.com, distillerysoftware.com, or contact your local Sun sales representative.

Running on the Sun platform and leveraging Distillery Software's secure intelligence solution, with fully integrated case management capability, enabled this law enforcement agency to consolidate and enhance operational and intelligence functions. By building operational processes that are supported by an intelligence system, law enforcement is able to improve police practices and productivity, increase crime resolution, and substantiate charges in the cases they pursue.

Distillery Software and Sun — leveraging knowledge across an organization

The Distillery Software enterprise intelligence solution enables a secure and scalable solution for border security, national security, and law enforcement agencies to collect, analyze, and disseminate information. Building a centralized repository of intelligence information helps agencies leverage and consolidate operational and intelligence functions to locate, investigate, and prosecute criminals. Running on the Sun platform, Distillery Software solution deployments can take advantage of powerful security, scalability, and high availability features designed to support the demands of both operational and intelligence units.



Sun Microsystems, Inc. 4150 Network Circle, Santa Clara, CA 95054 USA Phone 1-650-960-1300 or 1-800-555-9SUN Web sun.com

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