Everfox Information Exchange Gateways

Secure and Interoperable Data Exchange

EVERFOX

An Information Exchange Gateway (IEG) is a concept defined by NATO to enable the effective and secure information sharing.

IEGs are designed allow NATO member nations and other organizations to collaborate securely. They enable rapid information exchange while protecting that information from attacks by NATO adversaries and effective in sharing the key services including email, voice, video, chat and situational awareness.

NATO defines different IEG scenarios based on the type of networks being connected. The scenarios are defined by which organizations own and operate the networks and the classification levels of the networks being connected. As the threat levels of enabling information exchange increase, so the strength of the security within the IEG must also increase.

Everfox has a long history of providing Cross Domain Solutions (CDS) to meet the requirements of Information Exchange Gateways using Commercial Off The Shelf (COTS) products that can be used in combination to provide strong protection while enabling rich information exchange.

To meet the increasing threat of different connections, Everfox has a range of products from software based guards running on secure operating systems to Hardware-enforced gateways that use Field Programmable Gate Arrays (FPGAs) to deliver high assurance information exchange.

At the heart of Everfox IEGs are our CDS Transfer and CDS Access products.

Everfox Cross Domain Transfer

Secure Data Movement Across Security Boundaries

Everfox CDS Transfer products solve the challenge of moving sensitive data between networks at different classification levels. Everfox helps to enable trusted, policy-controlled information exchange across domains in support of mission-critical operations.

→ Transfer classified or sensitive data between networks

→ Support secure collaboration between national and coalition forces

→ Preserve security policies during data transfers between environments

Everfox Data Guard

Everfox Data Guard delivers deep data inspection and policy enforcement across structured and unstructured formats. Built-in support for NATO STANAGs ensures label accuracy and seamless interoperability with mission partners. The solution is certified to EAL4+ and runs on a secure operating system.

Everfox Information Exchange (iX)

A comprehensive guard using Everfox Content Disarm & Reconstruction (CDR) to help ensure data is safe to bring into a network. iX supports the safe exchange of both structured data and rich unstructured content such as Microsoft Office, PDFs & imagery.

Everfox High Speed Verifier (HSV)

The HSV uses Field Programmable Gate Array (FPGA) device which uses hardware logic to verify the data stream being passed across the gateway. The use of hardware logic checks enhances software guards helps to enable connections to much higher threat environments than possible with a software-only solution.

The HSV can be used as a data diode or a bi-directional device and can verify the information exchange protocols and the content being carried.

Everfox Cross Domain Access

Remote Visibility Without Data Exposure

CDS Access products provide a secure way to view remote data without transferring it. Users gain operational insight while maintaining strict separation between networks.

→ Access information across multiple networks of varying classifications, as well as public domains

→ Reduce risk while expanding operational reach

→ Monitor and manage remote systems securely

Garrison Isolation Appliance (GIA)

The GIA uses FPGA technology to help ensure only a valid video stream view of the remote network is transferred to the protected network. GIA enables users to browse remote web servers, perform management functions using RDP, SSH etc., and connect to remote Virtual Desktop Infrastructure (VDI) environments.

Talk to us today to discover how we can accelerate and secure your IEG initiatives

By leveraging a combination of these products, additional tools, professional services, and comprehensive support, Everfox can deliver gateways that enable multiple Information Exchange Services, including:

→ Functional Services

→ Email

→ Chat

→ Directory Replication

→ Remote Transfer

→ File Transfer

About Everfox

Everfox, formerly Forcepoint Federal, has been a trailblazer in defense-grade cybersecurity for more than two decades. Leading the way in delivering innovative, high-assurance solutions.

But we're just getting started.