



ESP

## Secure Communication & Collaboration



By focusing on security without compromising functionality, the ESP solution has earned the trust of numerous government agencies and private sector groups. ESP technology has been used for national collaboration through its CyberCOP system, by the Extranet for Security Professionals community and for multiple exercises such as the National TOPOFF Exercise Program.

### Achieve a Higher Level of Security

An organization’s most sensitive information requires a level of security that most networks supporting numerous uses and services simply cannot provide. At the same time, management and project teams must collaborate on sensitive information from multiple locations and across diverse platforms using these networks.

NC4’s Extranet Secure Portals (ESP) product is a Software as a Service (SaaS) solution, bringing government agencies and corporations a common platform for secure communication and collaboration. ESP provides a thorough security solution for diverse organizations to share critical information, such as Controlled Unclassified Information (CUI) through highly secure, compartmented, web-accessible portals. Continuously striving to operate at a higher level of security, trust, service, technology and performance, the ESP focuses on eliminating the barriers to secure, collaborative information sharing. One of ESP’s key success factors is the combination of collaboration with highly secure, mission-focused applications.

ESP offers a thorough security solution for diverse organizations to share critical information, such as Controlled Unclassified Information (CUI) through highly secure, compartmented, web-accessible portals

### Benefits Spotlight

The ESP solution provides the following benefits:

- ≡ The highest level of security for sensitive applications
- ≡ The cost advantages of a Software as a Service provider
- ≡ Flexibility and customization capabilities of a systems development / integration consultant
- ≡ User friendly web-based applications made practical for sharing sensitive information by our full cycle security services
- ≡ Supported by a Support Center and training programs that enhance security
- ≡ Simplicity of network architecture in a centralized Secure Operating Center
- ≡ No client side software beyond a current web browser
- ≡ Two factor authentication available



NC4's ESP solution provides government agencies and corporations a common platform for secure communication and collaboration.

For organizations where a secure communication application is a necessity, the ESP solution brings the needed protection of sensitive information in addition to numerous other benefits that other providers do not or cannot offer in their entirety. Security is the design criteria to better serving our clients through:

- ≡ **Custom Application Development** – Unique web-based applications are developed and customized to meet the specific communication needs of clients.
- ≡ **Global-Accessibility** – Anyone with a current browser and an Internet connection can establish a highly secure session to retrieve, share and collaborate on critical information. Users can access the portal's collaborative tools from almost anywhere – from an office network, a home connection or even through most Internet-accessible Blackberrys or Personal Digital Assistants (PDAs) – with no additional software or hardware beyond a current web browser.
- ≡ **Cost Savings** – Clients can leverage the cost savings benefits and the expertise of a focused, trusted security SaaS provider without having to hire additional in-house talent. This model compliments an existing network infrastructure and provides for more reliable budget and resource planning. It leverages the ubiquity of the Internet without compromising security and simultaneously eliminates client system administration costs and additional staffing requirements.
- ≡ **Full-Service Support Center** – Support Center supports and trains clients on how to use and access the portal so clients can fully benefit from the systems and applications.
- ≡ **Ongoing Research and Development** – Significant investments are made into ongoing research and development on the latest security techniques and methodologies so clients can be confident their communications are always secure.

---

## SaaS Model

Using a Software as a Service provider allows clients to leverage the cost savings benefits and the expertise of a focused, trusted security provider without having to hire additional in-house talent. Therefore, a SaaS model can compliment an existing network infrastructure without the requirement for additional resources. This translates into a better return on investment for clients. The SaaS model:

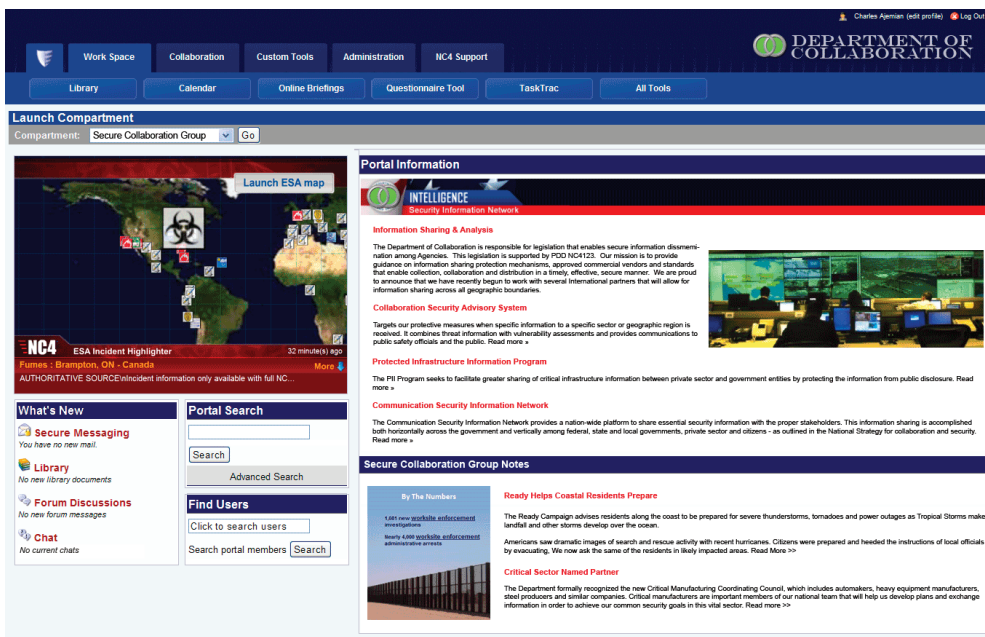
- ≡ Leverages the cost benefits of the Internet without compromising security
  - ≡ Eliminates client system administration costs and additional staffing requirements
  - ≡ Simplifies network architecture in a centralized Secure Operating Center
  - ≡ Requires no client side software beyond a current web browser
  - ≡ Provides access from virtually anywhere in the world
-

## Security Overview

Security is the backbone of the ESP solution. Raising the security bar to the highest level, the ESP solution operates out of a highly secure operating environment that is built to rigorous U.S. government standards for a Sensitive Compartmented Information Facility (SCIF).

The ESP solution supports diverse authentication methods, including identity federation, Two-factor and Public Key Infrastructure (PKI) through our strict registration protocols, authorized management, human revalidation processes, and portal activity monitoring and reporting. Moreover, the ESP solution maintains a full-cycle security approach to ensure security from the inside out and outside in.

To ensure the security and integrity of its systems, NC4's ESP solution implements formidable physical security controls. Even the most highly sophisticated software, encryption, and authentication will not provide the full cycle of security if the system itself is not physically secure.



NC4's ESP solution is driven by the highest level of application development and client service. Therefore, a customer service representative, a software development team lead, and a client services support lead are assigned to every client. Part of the NC4 methodology is to constantly enhance its systems to be consistent with or, if possible, one step ahead of the client's requirements. This means that as policies change, as requirements develop and as new needs arise, NC4 works closely with clients to ensure that every need is met.

## Secure collaboration and information sharing portals

**CyberCop** – The CyberCop portal provides an ultra-secure web-based environment to promote and facilitate the sharing of sensitive information among a cohesive network of law enforcement, first responders, homeland defense and law enforcement related professionals from all levels of government, including international, federal, state, local and the private sector.

**Extranet for Security Professionals (ESP)** – The ESP portal "Bridges the Gap" between government and industry security professionals in the Aerospace, Defense and Intelligence community to securely exchange information, best practices, lessons learned, policy documents and other sensitive information. Over 600 government and private sector organizations utilize the portal to coordinate activities and to collaborate on security issues.

**Pentagon Force Protection Agency** – The PFFA portal, which was established by the Department of Defense after the attack on the Pentagon on September 11, 2001, serves as an out of band system that can support the Pentagon in case an event renders their existing infrastructure inaccessible. It allows law enforcement and emergency responders in the National Capital Region to quickly and securely disseminate threat information to the appropriate parties.

**Defense Advanced Research Projects Agency (DARPA)** – DARPA had a need to capture and disseminate documents to multiple contractors who were oftentimes competing for the same DARPA contract. ESP provides a Program Management solution to allow government officials to easily coordinate all contract information, while keeping it private from each competing entity.

**Department of Energy** – The Foreign National Visitor Tracking Portal allows DOE to track all of the incoming foreign national scientists who visit DOE facilities to participate in research and development projects.

**Office of Personnel Management** – This secure front end interface allows customers to interact with the U.S. Government clearance databases run by OPM and provides an interface to satisfy reporting mandates related to clearance processing activity.

**Sentrx** – This secure portal enables Sentrx to collect highly sensitive clinical trials information and to present the information securely back to the pharmaceutical companies.

**Domestic Emergency Response Information Service (DERIS)** – As a part of the consortium to develop a capability for DoD and FEMA to command and control their disaster response units during a domestic crisis, ESP was utilized to provide real-time collaboration with external federal, state and local agencies involved in national emergency response.



NC4 consistently receives high ratings on the Support Center for prompt service, excellent communication during an event or activity and personable staff member performance.

## Support Center

NC4 has a dedicated Support Center managing support requests 24x7. The Support Center is staffed with knowledgeable individuals skilled in handling all of the NC4 solutions. In addition, customers may take advantage of the online tracking system on the NC4 Support site which allows them to conveniently submit support requests and monitor resolution progress.

## More about NC4

NC4's Situational Readiness solutions are a suite of integrated applications that revolutionize how government and businesses collect, manage, share and disseminate information to mitigate risks, manage incidents, and securely communicate and collaborate with one another. Aggregating and integrating information from public and private sources, NC4 leverages its cutting-edge technologies to bring users a highly customized presentation of relevant information in a single, easy to use console.

NC4 has a number of solutions that address the specific needs of corporate security, business continuity, enterprise risk management, supply chain management, travel management, crisis management, emergency management, intelligence fusion and law enforcement, as well as for federal agencies with a need to share critical information across organizational boundaries.

To learn more about how NC4 can benefit your organization, visit [www.NC4.us](http://www.NC4.us) or call 877-624-4999.