



FEDERATED  
NETWORKS  
connect secure

# About Federated Networks

Federated Networks enables consumers, corporations and government to Connect Securely™ to all things digital. The company's innovative personalized software can be updated monthly, weekly, or even daily, effectively closing the window of opportunity for hacker attacks. Leveraging its 100% military-grade managed code base, the FN Connect Securely™ Architecture is completely seamless and comprehensively protects users against networked software's most pervasive threat vectors.

Corporations and individuals no longer need to rely on cloud hosting companies, search engines, e-commerce sites and others to secure their data. Federated Networks' breakthrough zero-knowledge protocol guards against identity theft and data compromise of any kind. From social networks to

secure servers, data is always safe. Ushering in a new era of consumer confidence, users control who has access to their information.

Merging state-of-the-art authentication, encryption and identity management with user-friendly simplicity, Federated Networks' software is designed for real people in real-life scenarios. Founded in 2005, Federated Networks is privately held and headquartered in Toronto, Ontario. For more information please visit

<http://www.federatednetworks.com>.

## FEDERATED NETWORKS

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# FN At A Glance

## Founded

May, 2005

## Executive Team

David Lowenstein, CEO  
Risu Na, CTO

## Media Contact

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## Mission

Helping users Connect Securely™ to all things digital.

## Problem

Cyber security is a \$40B market facing a crisis of confidence because nothing works. Think about it, when major search engines, trusted e-commerce providers and government websites can't protect their users and their data, it's abundantly clear that nothing is working.

## Approach

Knowing the model was fatally flawed we challenged conventional wisdom and widely-accepted security software truths. This enabled Federated Networks to focus its methods and processes on some common-sense driven directives in developing its flagship FN Connect Securely™ Framework:

- Eliminate all paths of least resistance.
- Render "break once, break everywhere" hacker exploits obsolete with personalized software.
- Minimize hackers' window of opportunity with frequent software aging/updating.

The discipline of building a solution based on "time to right vs. time to market" has created a 100% managed code base, eliminating the attack seams created when software is assembled from a combination of sources. Uniquely, we believe for civilian software, FN meets the secure coding requirements of the U.S. governments "Joint Strike Fighter Plane Project".

## Solution

Federated Networks provides foundational technologies to Connect Securely™ users, data, content, systems and code "From here to there (network), from now until then (storage), from one to another (runtime/memory) and on this and on that (form factor)".

**Key Security Problems Solved:** Phishing/Pharming/Sec DNS; Spyware: Software Key Logging, Screen Capture; Hardware Key Logging; Sniffing; Protocol Manipulation; Memory Dump; Reverse Engineering

**Future Friendly Solutions:** Secure Statement/Bill Presentment; Authentic Attribute Authority/Data DNS; Digital ID; E-currency; E-voting; E-Health

## Technology

Change the rules of the game with deep science at the "critical inch":

Application Security Layer Protocol (ASL)	➤	Replaces SSL, the core weakness of all competitive products
Personalized End-2-End I/O	➤	Eliminates spyware
"Moving Maze" Memory Management	➤	Cornerstone reverse-engineering thwarting mechanism
Authentic Attribute Authority	➤	Confidential (zero knowledge) and secure data authentication services

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Team

**David Lowenstein**  
**Chief Executive Officer (CEO)**

As the CEO and co-founder of Federated Networks, David Lowenstein brings over 20 years of senior leadership experience to the company, having successfully led corporations through transformational growth in the business process outsourcing, education and environmental services industries.

A proven business leader, David was a co-founder and Director at SOURCECORP (NASDAQ:SRCP) from 1994 to 2006 where he served in various senior management positions from the company's inception, through its 1996 IPO, and 25 straight quarters of +25% EPS growth to its subsequent sale to Apollo Partners. The company was recognized by Forbes as one of the 200 Best Small Companies, and by Fortune's 100 Fastest Growing Public Companies and was also named a Top 100 Hot Growth Company by Business Week.

David is currently Board Chairman of The Princeton Review (NASDAQ:REVU), a pioneer and leader in helping students achieve their higher education goals. An active investor, David has also served as advisor and board member of several public and private companies.

A graduate of Carnegie Mellon University, David holds a Master of Science of Public Policy and Business Administration and received an Honors Bachelor of Arts in Economics from Sir Wilfred University.

**Risu Na**  
**Chief Technology Officer (CTO)**

As CTO and co-founder of Federated Networks, Risu Na is responsible for product architecture and implementation. During the last five years, Risu has been the driving force behind the development and creation of the company's unbreakable cyber-security solutions.

Prior to joining Federated Networks, Risu was Chief Architect at Learning Library where he led the development team in the creation of state-of-the-art e-learning systems. In 2000, Risu co-founded iSofttech, a cloud-based knowledge management software manufacturer and service provider where he directed the development and deployment of iSofttech's flagship product ShareMinds™. He's also held positions at Marketlink as system developer and consultant from 1999 to 2000.

A graduate of Carleton University, Risu has a Master of Arts in International Affairs and a Bachelor of Laws from Renmin University.

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