

**“With the IPS Software Blade we were able to prevent propagation of the Conficker attack throughout our WAN infrastructure.”**

Erik Yunghans, Network Security Administrator, Bentley Systems, Incorporated

### Customer Profile

- Global leader in development of engineering, design, and CAD software
- Invests significantly in research, development, and acquisitions
- 3,000 employees protected by 103 firewalls

### Industry

- Computer Software

### Business Challenge

- Allowing global inter-office connectivity and Internet access without compromising security
- Easily implement intrusion protection with a small IT staff

### Check Point Solutions

- Security Gateway Software Blades
  - Firewall: The most proven firewall
  - IPS: Intrusion prevention at multi-gigabit speeds
  - IPsec VPN: Secure connectivity to corporate networks
  - Advanced Networking: Includes QOS, ISP redundancy, and dynamic routing
  - URL Filtering: Restricts access to potentially dangerous sites
  - Acceleration and Clustering: SecureXL and ClusterXL maximizes performance in high-performance environments
  - Antivirus and Anti-Malware: Protection stops viruses, worms and other malware at the gateway
- UTM-1 Appliances
- Power-1 5070 and 9070 Appliances

**With the IPS software blade in the datacenters, “We saved at least \$80,000 by leveraging existing equipment.”**  
Erik Yunghans, Network Security Administrator,  
Bentley Systems, Incorporated

## CUSTOMER CHALLENGE

### Protecting the global corporate network without impacting the day to day software development business

In order to replicate customer environment Bentley Systems, Inc. developers use a wide range of old and new machines and operating systems. Protecting their network involves:

- Block malicious malware and worms from traversing the network
- Easy to deploy security in remote areas of the world
- Broad coverage in protecting application vulnerabilities
- Quickly implementing security for acquired companies IT infrastructure

## SELECTION PROCESS

### Selection Criteria

- ✓ Leverage existing infrastructure to enhance security protection
- ✓ Robust intrusion protection without impact to network operations and throughput
- ✓ Intrusion protection covering all worldwide operations
- ✓ Flexibility for continued growth
- ✓ Easy administration & simple security management

### Why Check Point

**“With another vendor, we couldn’t have deployed the comprehensive and high-level security protection we did without having an integrated piece of hardware. As a whole, Check Point has exceeded our expectations with the software blade architecture.”**

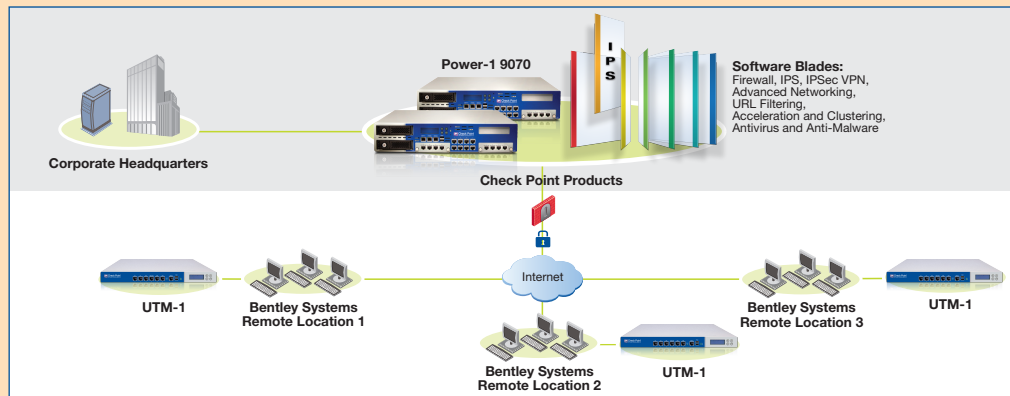
Erik Yunghans, Network Security Administrator  
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### THE CHECK POINT SOLUTION

Check Point's IPS solution addresses Bentley Systems three critical security areas

#### 1 Dependable intrusion protection from malicious attacks

Bentley Systems actively stopped the widespread computer worm Conficker at the firewall with use of the IPS blade. Overall, "the IPS blade blocks 10,000 attacks a month, ranging in severity from storm-center enforcements to bona fide exploits being attempted on a vulnerable machine," states Yunghans.



#### 2 Implementing security in far-reaching worldwide locations with a limited staff

With Check Point's integrated IPS solution, Bentley Systems is able to have best in class security while maintaining a small security staff of three. By leveraging the integrated software blade architecture, Bentley Systems was able to avoid replacing or adding additional equipment involving shipping, scheduling, and provisioning, logistical challenges in remote areas of the world. "We get all the functionality we need from a single in-line device as opposed to a multi-step process requiring an IT analyst to visit the site," states Yunghans.

#### 3 Timely integration of acquisitions

Since 1995, Bentley Systems has invested more than \$1 billion in research, development, and acquisitions. As an organization focused on innovating in their comprehensive infrastructure software, it's important to maintain business uptime while integrating databases and machines into their core security infrastructure. With the IPS blade, "security implementation for acquisitions is a 3-4 day process," states Yunghans.

### CHECK POINT BENEFITS

#### Preemptive Security Updates

- Simplicity of consistent downloadable updates and notification of those updates
- "We can deploy patches during the day and not affect our core infrastructure" – Yunghans

#### Seamless Deployment

- "It's extremely easy to implement, activating blades is as simple as a check box" – Yunghans
- Able to deploy IPS without outages and within 3-4 days
- Able to customize and define various IPS policies for production environment and remote offices

#### Ease of Management

- "The ease of management has been absolutely fantastic" – Yunghans
- SmartView Monitor provides visibility into day to day operations in far removed offices
- Easy to manage defined security profiles across regions
- "The IPS blade is really straightforward for me, my process, and my team" – Yunghans

### SUMMARY

#### Secure • Flexible • Affordable

- Strengthened defense against malware and worms
- Leveraged existing software blade infrastructure to implement a new IPS protection solution
- Saved money and time by utilizing Check Point's integrated IPS software blade
- Prepared for seamless future growth

#### Total Value – Cost Effective Solution

"When it comes to IPS there was no competition, we didn't have to look anywhere else. Other solutions would have been too expensive and difficult to implement on a worldwide fashion." – Yunghans