

Noodles & Company Deploys Trend Micro™ Deep Security to Excel in PCI Compliance and Overall Security

Noodles & Company includes more than 175 restaurants in 18 states. The company's dedication to its customers includes a commitment to employ the best possible security technology for protecting credit card information.

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— **Nick Fields, Senior Systems Administrator, IT**
Noodles & Company

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KEY BENEFITS

- **Compliance.** Multiple modules address major PCI compliance requirements.
- **Low TCO.** The software solution avoids the expense of deploying hardware at each site; email alerts simplify monitoring.
- **Simplicity.** Intuitive management console streamlines support and management.
- **Part of Trend Micro.** Acquisition brings together complimentary technologies and an expanded team of security experts.

GOING BEYOND BASIC SECURITY REQUIREMENTS

Noodles & Company doesn't just want to meet the requirements of payment card industry (PCI) regulations—they want to exceed them. “We like to think of PCI as a baseline—we are looking to pass, and also pass with flying colors,” said Nick Fields, a senior systems administrator in the IT organization at Noodles & Company. “We've taken action to limit credit card data that runs through the back-office systems in the restaurants, and we've added encryption controls. We lock down data as much as possible and we are always looking to do more. We feel we are ahead of a lot of the industry, and we want to stay there.”

Credit card information is not transmitted to the headquarters, so that exposure over the company's network is limited. Each restaurant transmits information directly to credit card companies, and keeps the information on restaurant systems for a very short period of time. Even with a limited amount of credit card information on point-of-sale and back-office systems at restaurants, Noodles & Company builds in multiple layers of protection on the systems and has a company culture and policies that also limit exposure to vulnerabilities.

Noodles used to rely on hardware firewall appliances for one of the layers of protection within each restaurant. But as the company has grown over the last 14 years, software solutions became a more cost-effective alternative. Last year, IT evaluated the possibilities for centrally managed firewall solutions that could lower the overall total cost of ownership without compromising security.

“After doing a competitive comparison, it came down to two finalists,” said Fields. “We chose Trend Micro Deep Security because it helps us address the major PCI compliance requirements with features like file integrity monitoring. Other vendors talked about their future plans for file integrity monitoring, but we get what we need today with Deep Security. It helps us do all we possibly can to safeguard credit card data.”

Noodles & Company takes advantage of several Deep Security software modules, which include deep packet inspection (for intrusion detection and prevention, web application protection, and application control), firewall, integrity monitoring for files and applications, and log inspection.

A WINNING COMBINATION

New to Trend Micro following the acquisition of the business of Third Brigade, Deep Security complements and extends the other Trend Micro security solutions being employed within the Noodles & Company datacenter. “We really like the relationship between Trend Micro and the former Third Brigade,” said Fields. “With the acquisition, we are looking forward to the integration of what we consider very complementary solutions. It will give us even more choices and capabilities in the future, and both companies are moving in the right direction. We are very happy with the acquisition and with our working relationship with this combined team. We want to do as much as we can to limit risks for our customers and our operations, and working with Trend Micro is part of our commitment to doing the best we can.”

Deep Security is now part of Trend Micro™ Enterprise Security, a tightly integrated offering of content security products, services, and solutions that is powered by the Trend Micro™ Smart Protection Network™ infrastructure. Trend Micro Enterprise Security delivers immediate protection from emerging threats while greatly reducing the cost and complexity of security management.

STREAMLINING MANAGEMENT

With the introduction of Deep Security, Noodles & Company can now more easily demonstrate compliance with PCI regulations and IT benefits from the ease of management for the software solution. With only eight IT employees supporting all of its restaurants, the company must choose technology solutions that can be standardized and easily supported.

“A nice aspect of Deep Security is the simplicity of the management console, which is easy to set up and very intuitive to use,” said Fields. “We run a light ship and need solutions that we can operate in a ‘headless’ state or without an onsite IT person. There is not a large enough staff to monitor everything manually, so we also really appreciate the email alerts that Deep Security uses to flag issues and events that need attention. The automated alerts and the console make it possible for the headquarters team to support all of the restaurants across 18 states.”

CORPORATE PROFILE

Noodles & Company Broomfield, Colorado

Colorado-based Noodles & Company was founded in 1995 and is the world’s first quick-casual, globally inspired noodle restaurant. From healthy to indulgent and spicy to comforting, Noodles & Company serves a balanced selection of Asian, Mediterranean, and American inspired noodle dishes, soups, and salads. Its craveable menu is made only with fresh and wholesome ingredients. In recognition of its commitment to health and nutrition, **Health** magazine named Noodles & Company one of America’s Healthiest Fast-Food Restaurants in 2008 and 2009. In 2009 **Parents** magazine placed the restaurant #3 in its list of Top 10 Best Fast-Casual Family Restaurants.

- **Industry/Vertical** Restaurants
- **Employees** 4,500 (corporate users: 200 including some remote workers; plus restaurant staff)
- **Infrastructure** HQ connects to 175+ restaurants (each with POS and back-office systems); 18 states
- www.noodles.com

TREND MICRO PRODUCTS

- **Trend Micro Deep Security**
<http://us.trendmicro.com/us/solutions/enterprise/security-solutions/virtualization/deep-security/index.html>
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<http://www.trendmicro/go/enterprise>
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