

# Security and Efficiency via Multi-Campus CISCO ISE

Wachter's solution brings secure access and redundancy to the largest U.S. baked beans producer



## The Customer

Wachter partner SHI International is a \$7.5 billion global provider of information technology products and services.

SHI's customer is the largest producer of canned baked beans consumed in the United States.

## Industry

Food & Beverage,  
Industrial & Manufacturing

## Locations

Knoxville, TN  
Augusta, WI

## Duration

2 Months

## Services

- Identity service engine
- Prime infrastructure
- Mobility service engine

## The Challenge

SHI's customer's wireless infrastructure was performing below minimum industry operating requirements, creating gaps in coverage and overall system performance.

Due to the limitations of technology, the client was unable to securely manage all levels of network access.

## The Solution

Wachter designed a multi-campus wireless infrastructure leveraging the newest Cisco wireless technologies:

- Identity Services Engine (ISE)
- Prime Infrastructure
- Mobility Services Engine
- Connected Mobile Experiences (CMX)

Wachter performed active wireless surveys to identify the optimal locations for 5GHZ, -67db wireless coverage in the customer's environment. The areas covered included offices, laboratories, processing facilities, warehouses, and outdoor spaces.

The ISE design solution consisted of a multi-node distributed deployment with full redundancy. This provided central control for network access across the entire user base and various hardware types.

The implementation supported the following features:

- 1x per user network access
- Bring your own device (BYOD) support
- Automated guest and visitor access

Full integration with Cisco Prime Infrastructure, Cisco CMX, and the existing Microsoft Active Directory environment.

## The Results

In addition to meeting all current and anticipated security requirements, the new systems provide actionable business intelligence, enabling the client to make revenue-generating and cost-saving decisions — playing a key role in facilitating corporate initiatives today and into the future.



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