



Staying Ahead of the Threat

2015 - Another Record Year of Security Breaches



US Federal Government
OPM
21.5M +

V-Tech
4.3 M exposed

IRS
100,000 + Taxpayer
personal information

Anthem
One-third
Americans
affected

British Gas
2,000
customer
data

Talk Talk
157,000
customers,
21,000 bank
details stolen

T-Mobile
15M customers at risk
for personal and social
security data

**Hacking
Team**

Scottrade
4.6M customers

Twitter

Ashley Madison
37M Potential
Divorces

**Carphone
Warehouse**
2.4M Users - 4% of
UK Population

Hello Kitty
Personal information
for 3.3 million
accounts

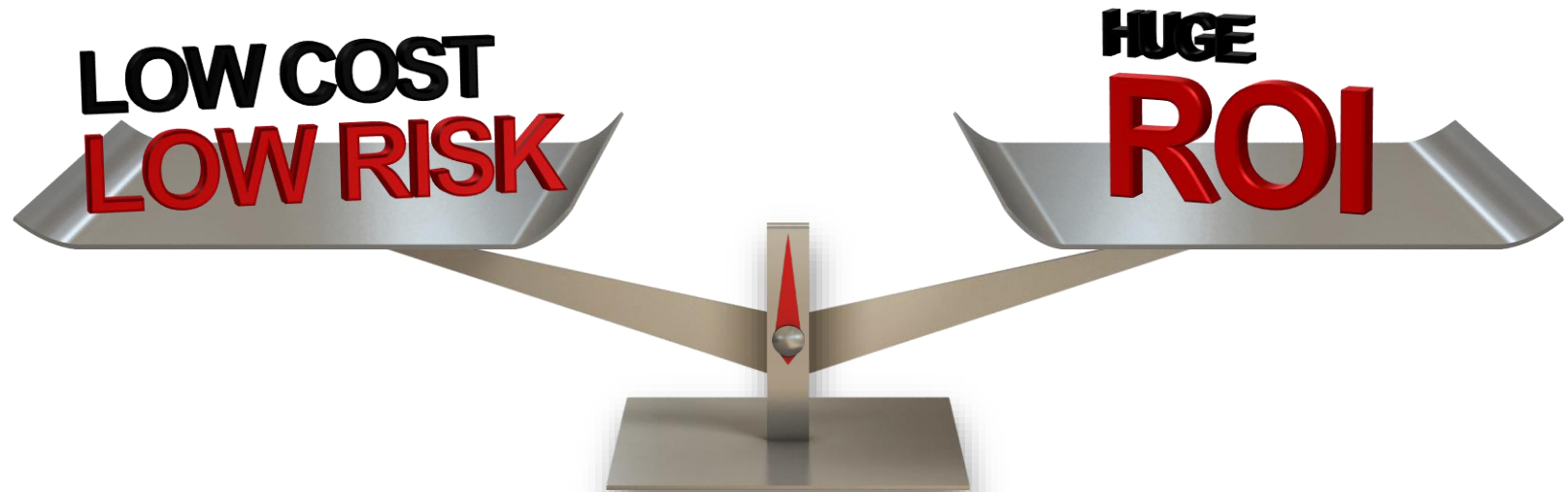
**Excellus
BlueCross BlueShield**
10M Patient Records

UCLA Health



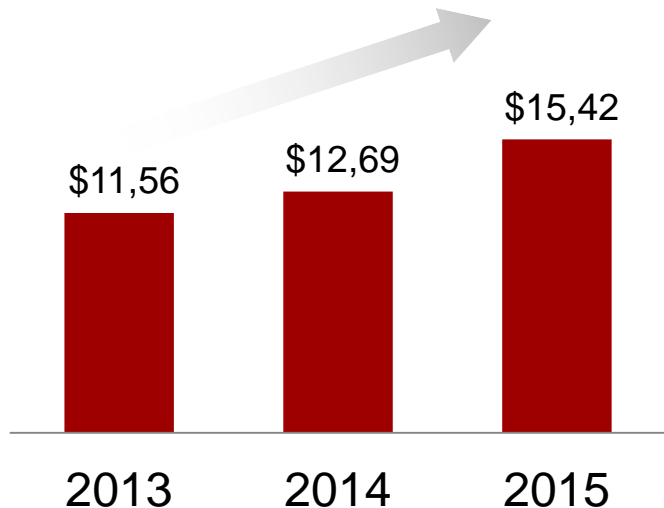
Source: DataBreaches.net

Cyber Crime – Continues to Tip in the Wrong Direction



How Big is the Problem?

Average Cost of Cybercrime in the U.S.
Dollars (Millions), per incident



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Sony security spends \$22M per year. Sony Breach...direct cost of \$35M for one year....cost to reputation \$100B+

Kowsik Guruswamy, CTO of Menlo Security

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And Even More Worrying...

229 days

Average time before detection

67%

Victims were notified by an external entity

Source: M-Trends 2015

Why Do These Breaches Continue?



TOO MUCH FOCUS ON COMPLIANCE

Enterprises spend too much on checking boxes down a list.



TOO RISK BASED

Taking a reactive approach only addresses known threats, not the new unknowns.



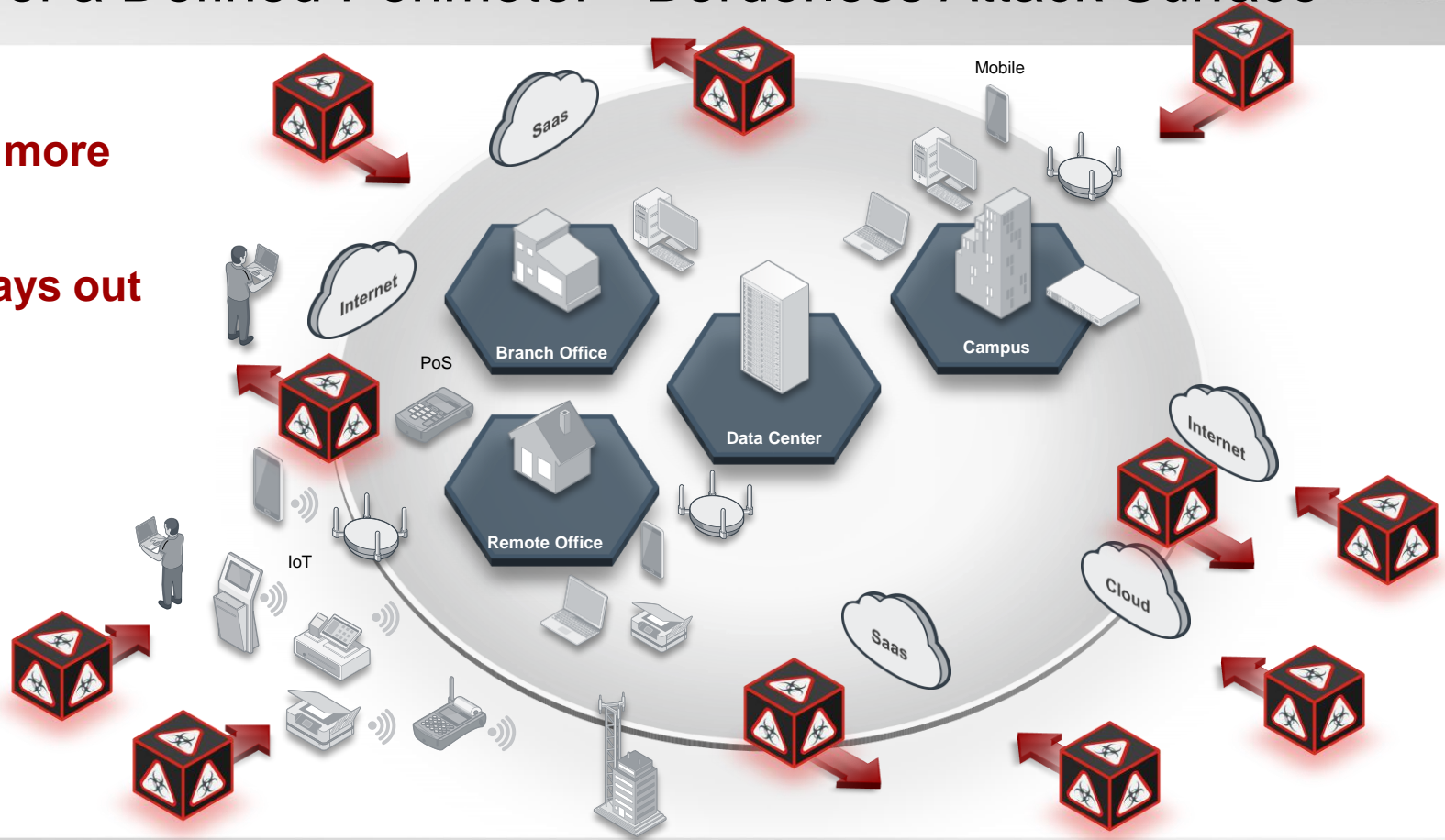
TOO MANY POINT SOLUTIONS

Too many different security vendors whose products do not communicate with one another.

Lack of a Defined Perimeter - Borderless Attack Surface

There's more
ways in

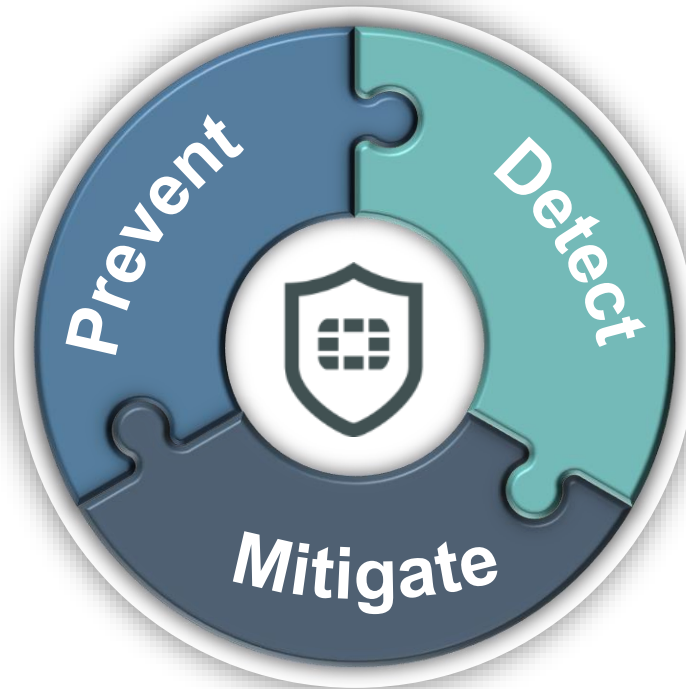
More ways out



Multilayer, Collaborative Solution

Step 1 - Prevent

- Block threats *before* they enter your network



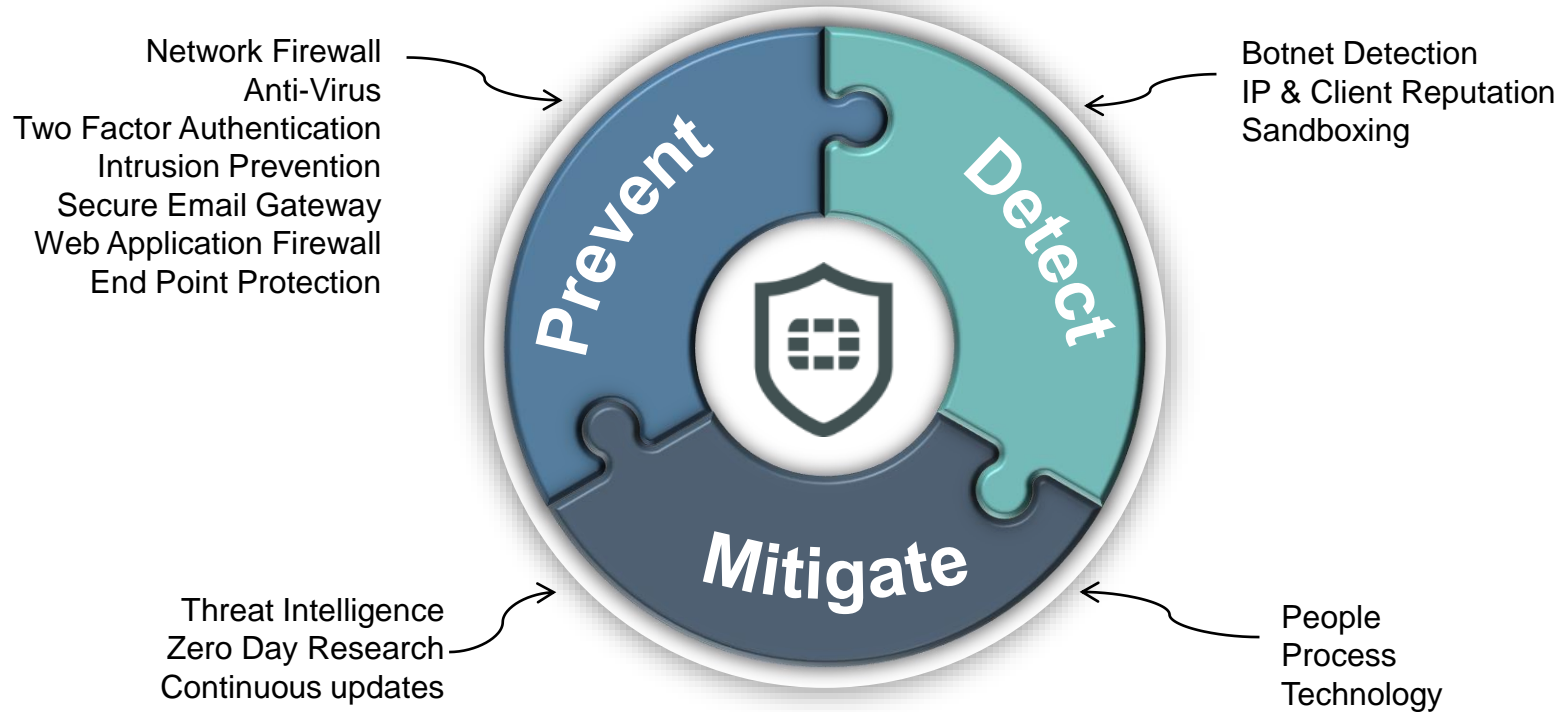
Step 2 - Detect

- Discover threats that *have* entered the network

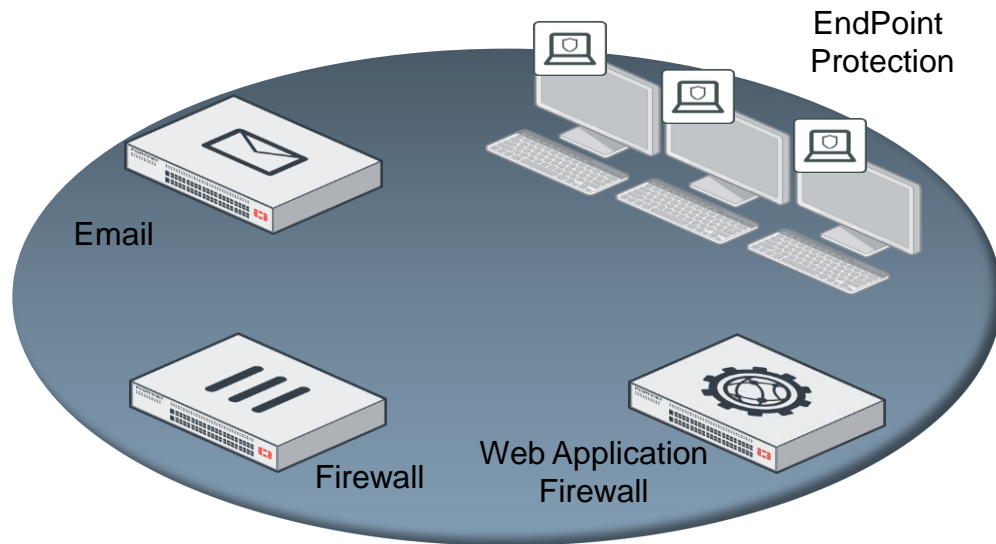
Step 3 - Mitigate

- Respond to any threats that have breached the network

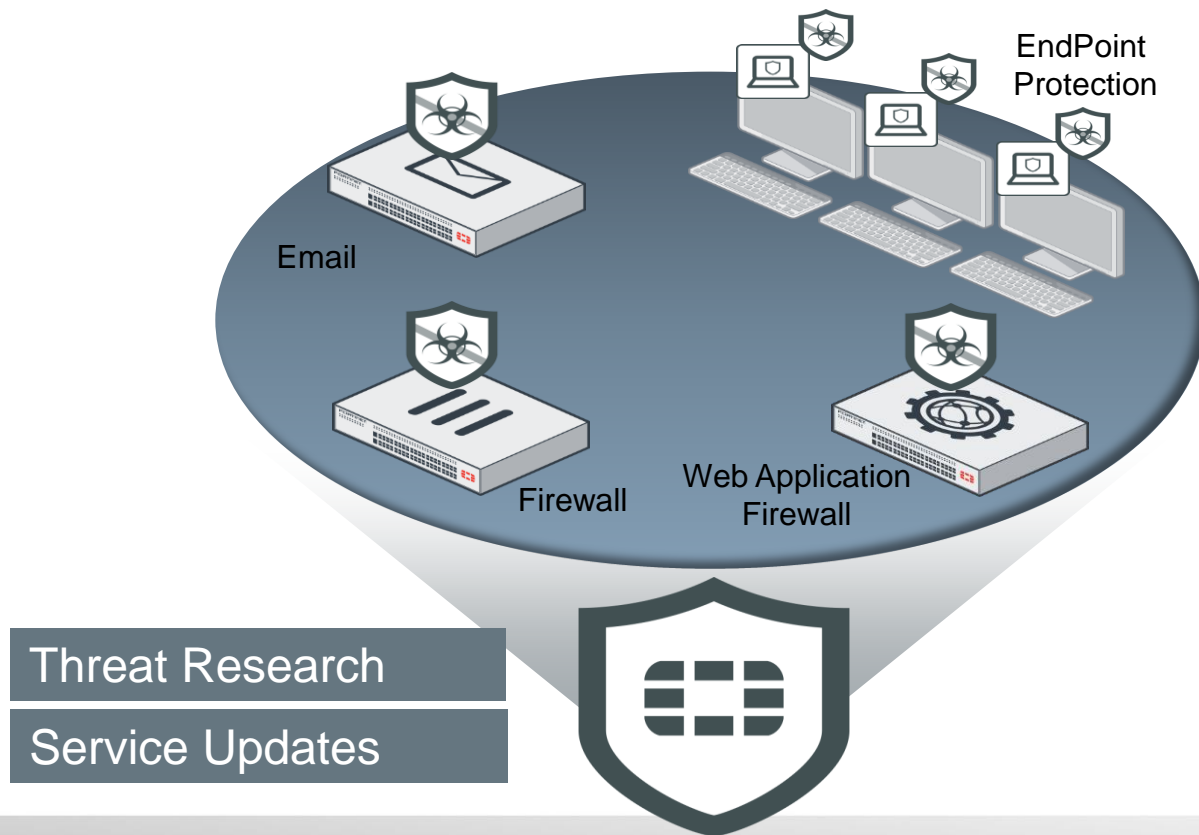
The Technologies Behind It



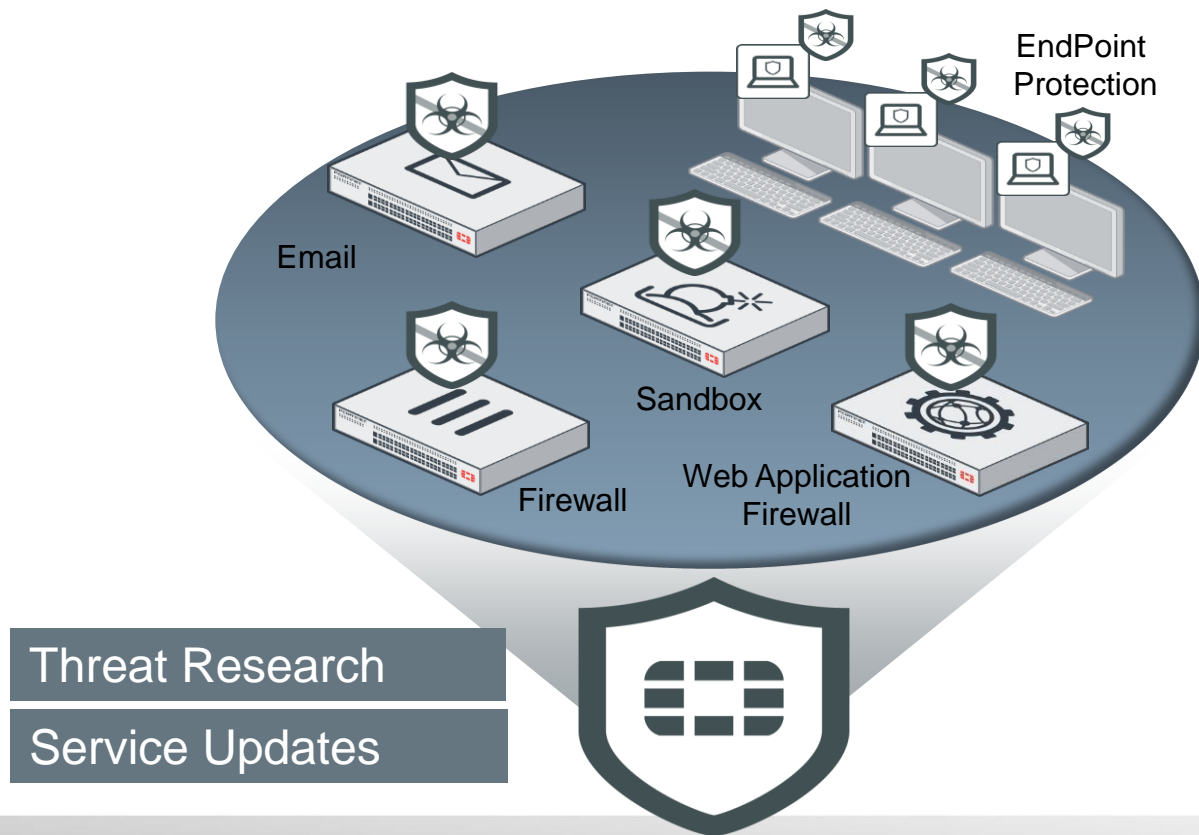
Advanced Threat Protection in Action



Advanced Threat Protection



Advanced Threat Protection



Protecting the Inside and the Outside

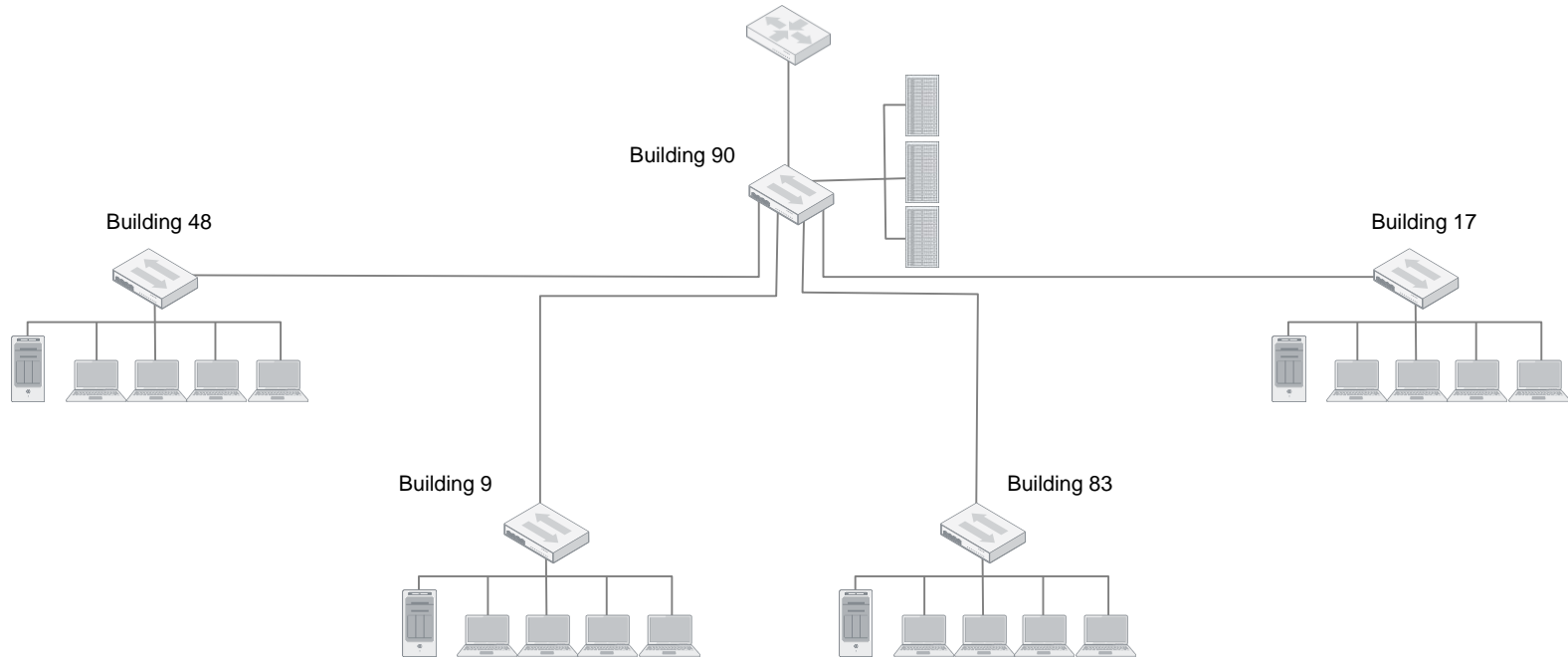




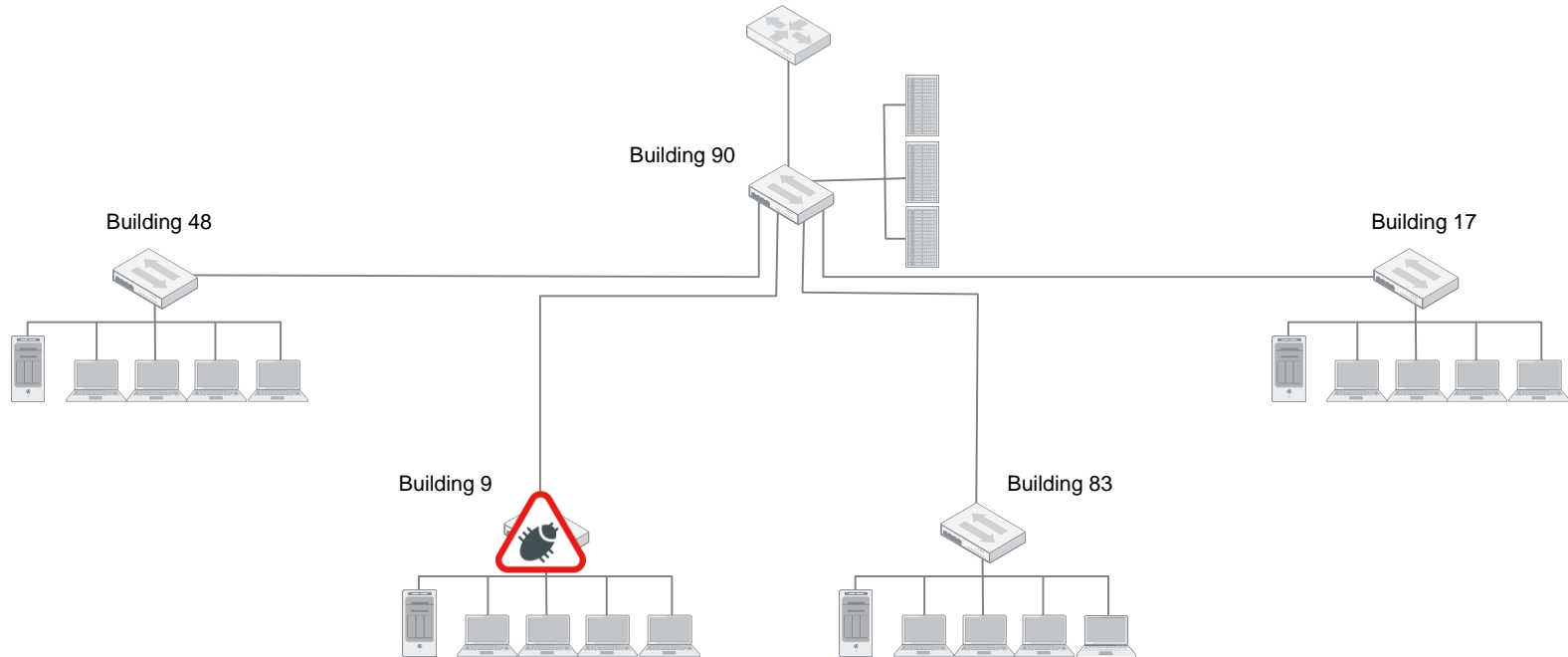
Segmentation For Protection Against Threats From the Outside and the Inside



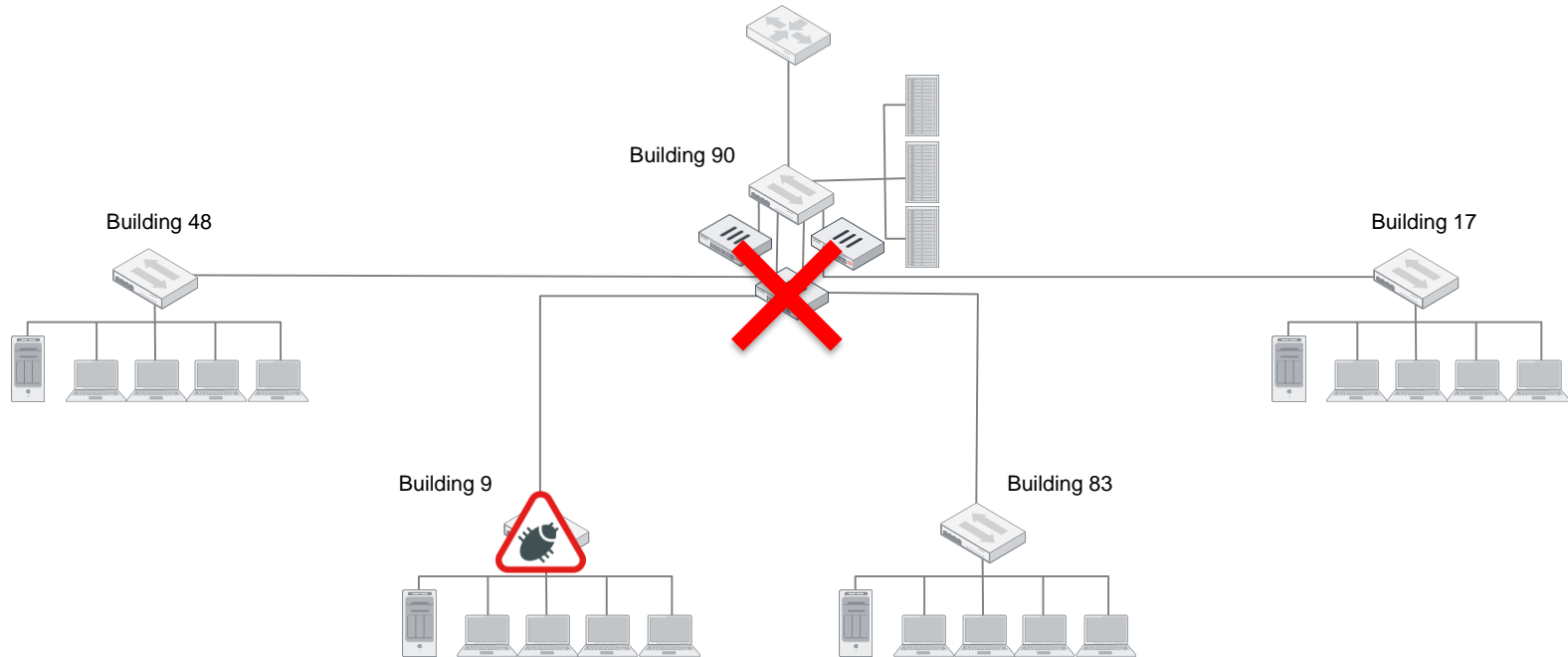
Internal Segmentation For Greater Control



Internal Security Segmentation For Greater Control



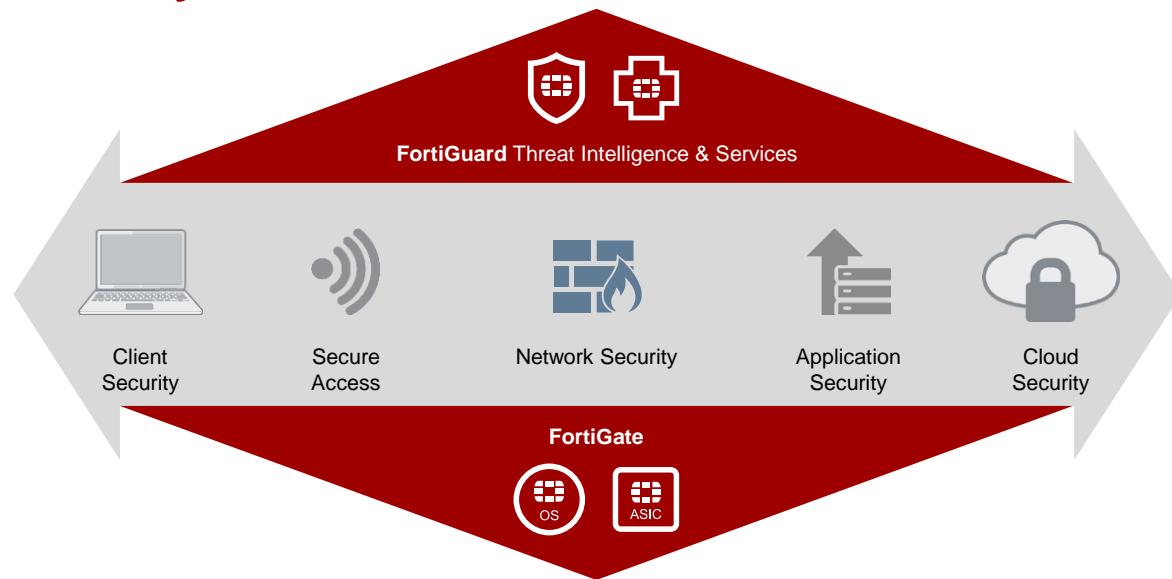
Internal Segmentation For Greater Control



Security Without Compromise



Seamless Security Across the Entire Attack Surface



SEAMLESS

Consistent threat posture end-to-end, across the expanding attack surface

INTELLIGENT

Threat intelligence and advanced threat protection from the inside out for full visibility and control

POWERFUL

Get unrivaled network performance for today – and tomorrow

FORTINET®