

## THREAT LANDSCAPE REPORT Q4 2016

### DOUBLING DOWN

Sailing into Q4 2016, the industry was  
reeling from a **1-2 COMBO** of

**the largest DATA BREACH & largest DDOS ATTACK** in history

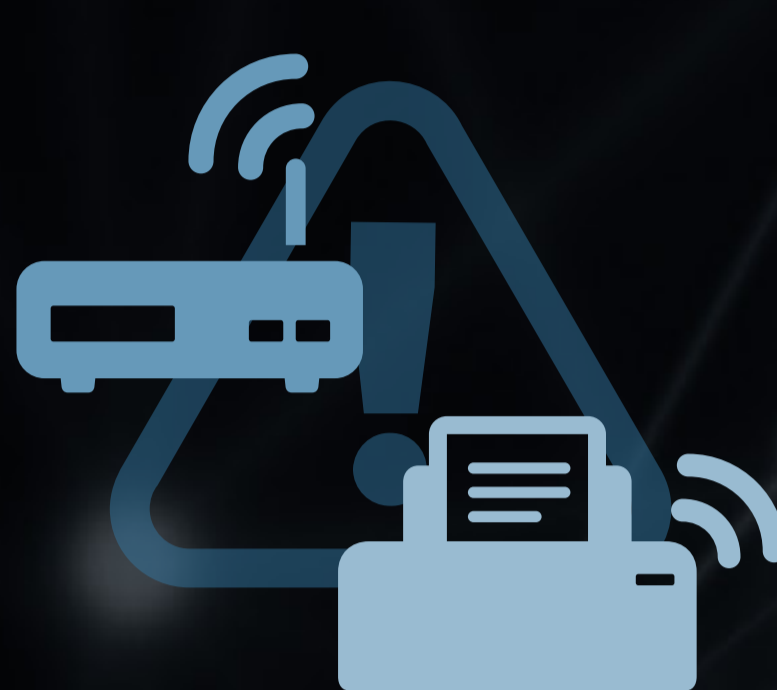
### DARING EXPLOITS

We tracked an average of

**10.7** **UNIQUE APPLICATION EXPLOITS**  
per organization



### INTERNET of THINGS



PRINTERS AND ROUTERS  
top the device list for  
**IoT-related exploit activity**

### OLD IS NEW



**86%** of firms registered attacks  
to exploit vulnerabilities  
that were over **A DECADE OLD**

### MALWARE MAFIA

**81.4%** of all malware samples  
captured belonged to just the  
**Nemucod and Agent families**

### LOCK IT UP

The most prominent uptick in  
malware volume over the quarter  
was the **LOCKY RANSOMWARE**.



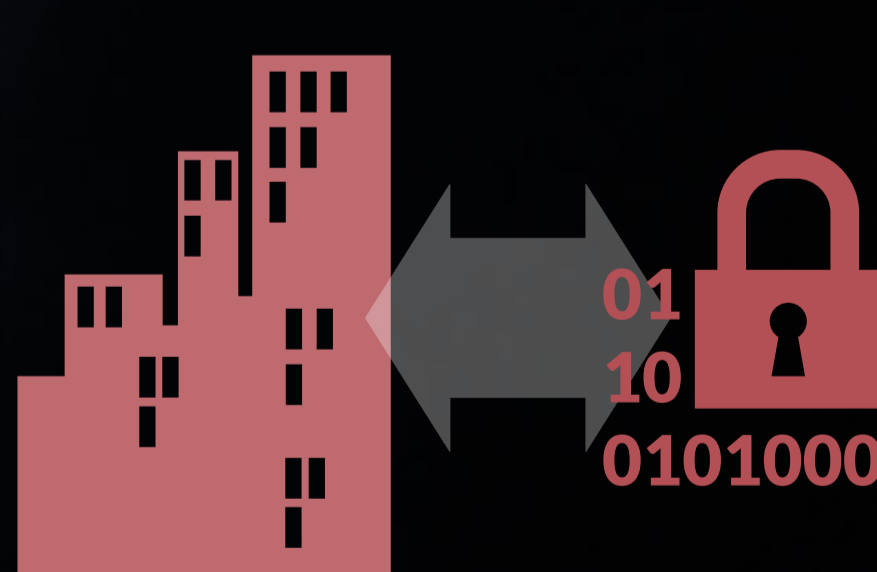
### RAN WHERE?



**36%** of organizations detected  
**BOTNET ACTIVITY** related  
to **RANSOMWARE**

### INFRASTRUCTURE TRENDS

Encrypted traffic accounts for  
**MORE THAN HALF**  
of **OVERALL DATA** traversing  
within an organization



### GLOBAL MOBILE

**16%**  
FROM NORTH  
AMERICA

Compared to only

**8%**  
IN EUROPE

**23%**  
FROM ASIA

**36%**  
FROM AFRICAN  
ORGANIZATIONS

We found substantial  
regional differences in  
**MOBILE MALWARE  
ATTACKS**

### NOT NOTHING BOTNET

WE DETECTED AN AVERAGE OF

**6.7** unique active botnet families  
per organization

This was highest in the **Middle East, Africa, and Latin America.**

**TO SEE THE FULL REPORT, GO TO**

**[www.fortinet.com/threatreport](http://www.fortinet.com/threatreport)**