تطبيق إدارة الأجهزة والأمن والسلامة
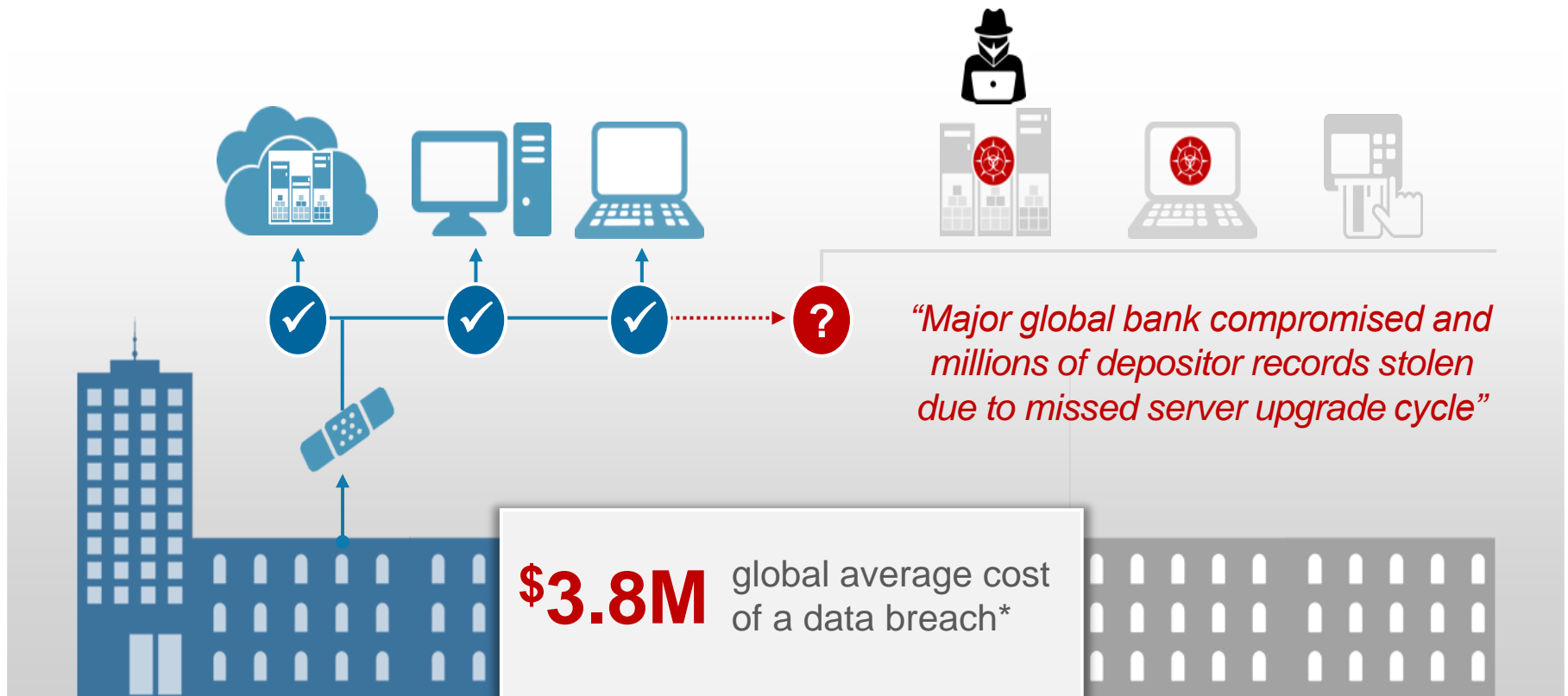## IBM BigFix - Endpoint Management and Security

Eng. Zeyad ElSherif
Head of Business Service Management

م/ زياد الشريف
مدير قطاع ادارة الخدمات

Despite existing tools, breaches continue to rise

Lack of visibility and control contributes to security breaches and financial loss

"Major global bank compromised and millions of depositor records stolen due to missed server upgrade cycle"

$3.8M global average cost of a data breach*

You can't fix what you can't see
Incident response is the No. 1 factor to reduce the cost of a data breach

Siloed IT Operations and Security Teams

Disparate tools, manual processes, lack of integration and narrow visibility

IT SECURITY

- Scan for compliance status
- Create security policies
- Identify vulnerabilities

IT OPERATIONS

- Apply patches and fixes
- Implement security and operational policy
- Manual process takes weeks / months

Why other approaches fail

Architecture

- Slow, scan-based architectures
- Limited coverage
- Not cost-effective at scale

Complexity

- Heavy, resource-intensive agent(s)
- Multiple products, multiple agents
- Not Internet-friendly

Resources

- Too much admin and infrastructure
- Little pre-built content
- Each task detracts from higher value projects

What we do

IBM BigFix®

FIND IT. FIX IT. SECURE IT... *FAST*

Find It.

Discover unmanaged endpoints and get real-time visibility into all endpoints to identify vulnerabilities and non-compliant endpoints

Fix It.

Fix vulnerabilities and apply patches across all endpoints on and off the network in minutes regardless of endpoint type or network connectivity
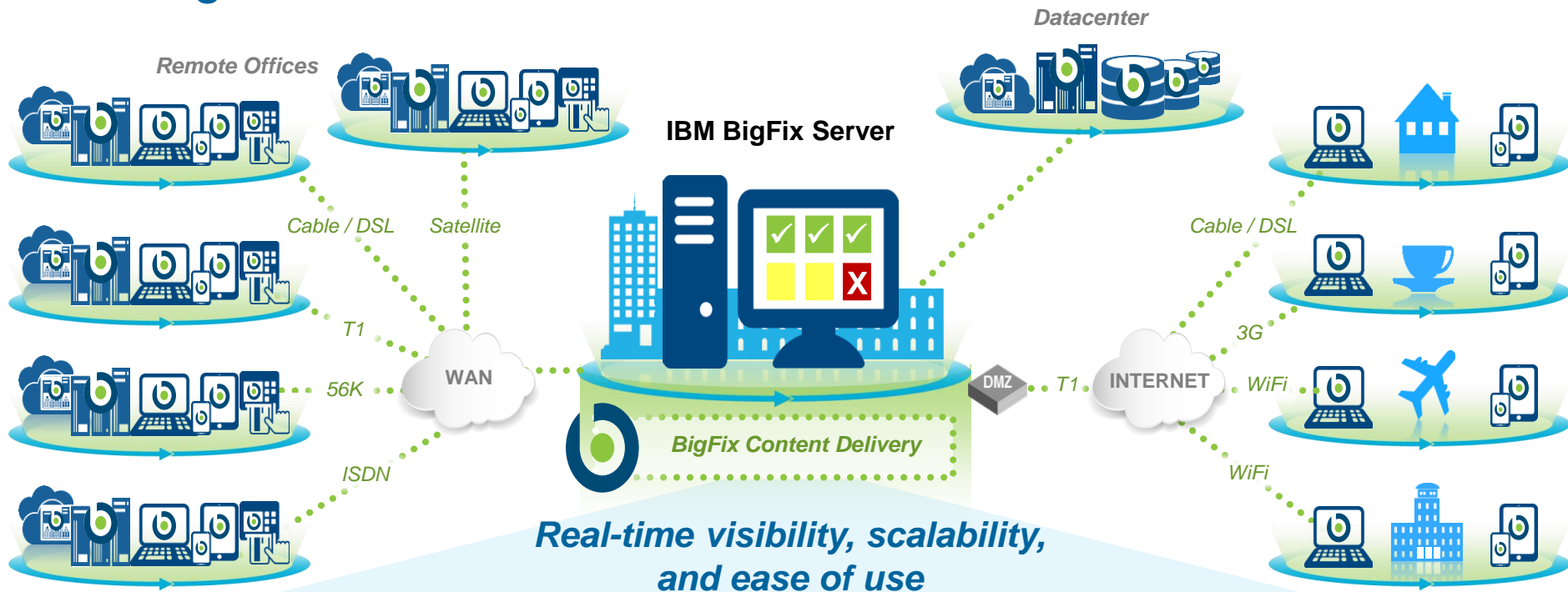
Secure It.

Continuously monitor and enforce compliance with security, regulatory and operational policies while proactively responding to threats

IBM BigFix Unified Platform

IBM BigFix Server

Remote Offices

Datacenter

Cable / DSL   *Satellite*

T1

56K   WAN

ISDN

BigFix Content Delivery

DMZ   *T1*   INTERNET

Cable / DSL

3G

WiFi

WiFi

Real-time visibility, scalability, and ease of use

Lightweight, robust infrastructure

- Use existing systems as relays
- Built-in redundancy
- Support / secure roaming endpoints

Cloud-based content delivery

- Highly extensible
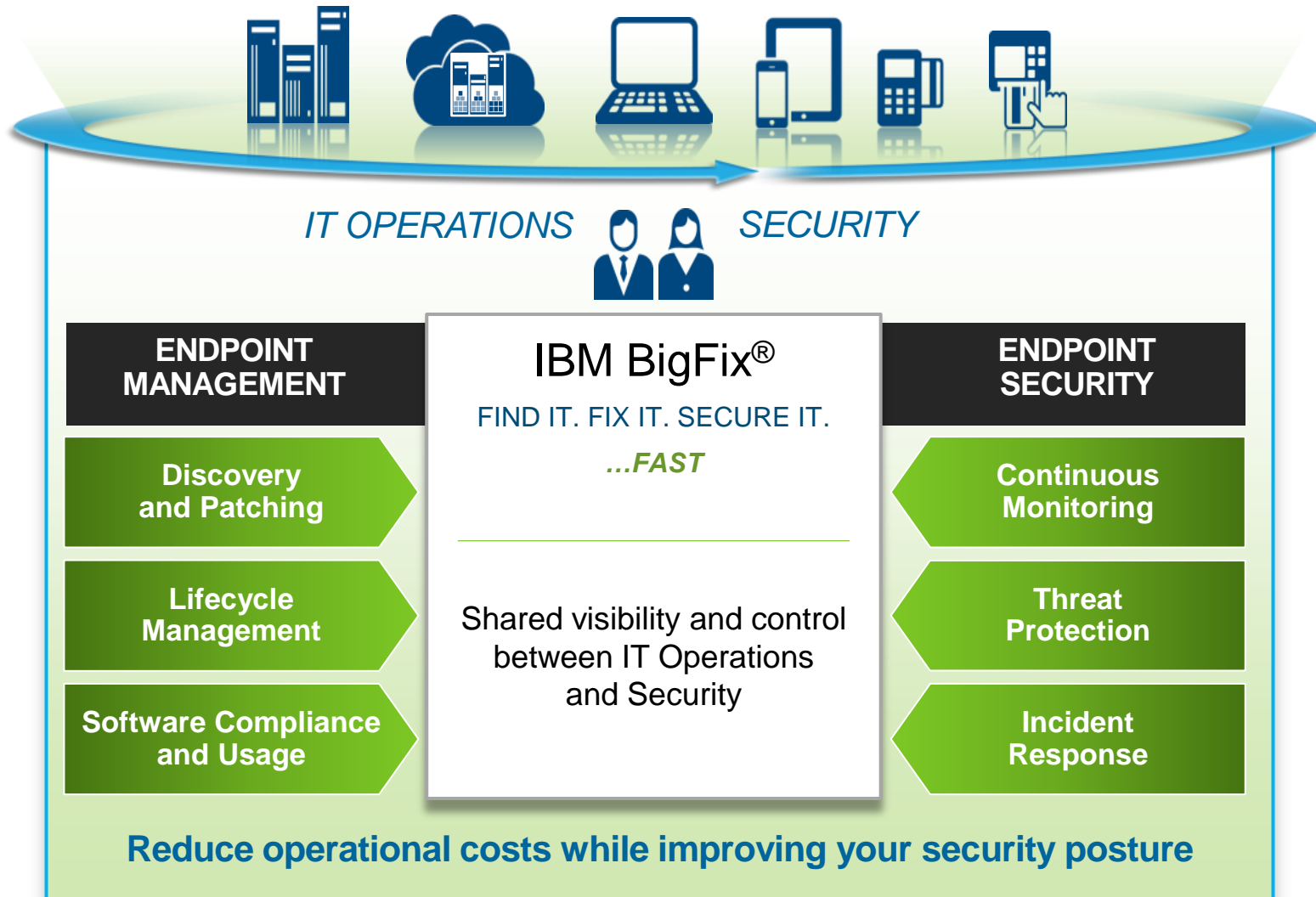- Automatic, on-demand functionality

Single intelligent agent

- Performs multiple functions
- Continuous self-assessment and policy enforcement
- Minimal system impact (< 2% CPU)

Single server and console

- Highly secure and scalable
- Aggregates data, analyzes and reports
- Pushes out pre-defined / custom policies

IBM BigFix: Bridge the gap between Security and IT Ops

IT OPERATIONS   *SECURITY*

ENDPOINT MANAGEMENT	**IBM BigFix®**	**ENDPOINT SECURITY**
Discovery and Patching	FIND IT. FIX IT. SECURE IT. *...FAST*	Continuous Monitoring
Lifecycle Management	Shared visibility and control between IT Operations and Security	Threat Protection
Software Compliance and Usage		Incident Response

Reduce operational costs while improving your security posture

Gartner recognizes IBM as a [LEADER](#) in The Magic Quadrant for Security Information Event Management

Gartner, Magic Quadrant for Security Information Event Management Kelly Kavanagh et. al., 20th 2015

"The average of IBM reference customers satisfaction scores for scalability and performance, effectiveness of predefined correlation rules, report creation, ad hoc queries, product quality and stability, and technical support is higher than the average scores for all reference customers in those areas."

This Magic Quadrant graphic was published by Gartner, Inc. as part of a larger research note and should be evaluated in the context of the entire report. The Gartner report is available upon request from IBM. G00267505

Magic Quadrant

Figure 1. Magic Quadrant for Security Information and Event Management

CHALLENGERS — LEADERS

- IBM Security
- HP
- Splunk
- Intel Security
- LogRhythm
- EMC (RSA)

NICHE PLAYERS — VISIONARIES

- SolarWinds
- Trustwave
- Micro Focus (NetIQ)
- AlienVault
- EventTracker
- AccelOps
- BlackStratus

ABILITY TO EXECUTE

COMPLETENESS OF VISION →
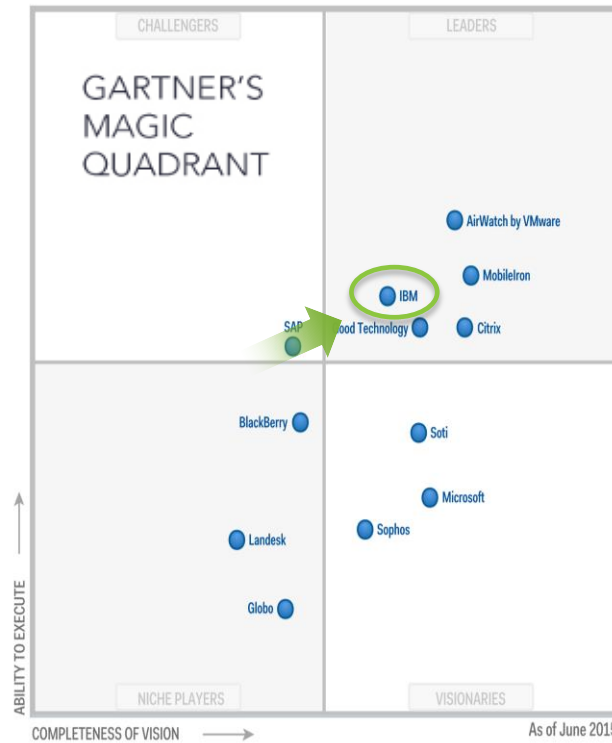
As of July 2015

Source: Gartner (July 2015)

IBM is a *LEADER* in Endpoint Management, Mobility and Security

Security Information and Event Management

Enterprise Mobility Management Suites

Client Management Tools

LEADER - Four Years in a ROW!!

IBM is the ONLY vendor leading in all three Magic Quadrants!

IBM is the ONLY Leader in 8 Gartner Magic Quadrants for Mobile

Enterprise Mobility Management Suites
June 2015

Client Management Tools
June 2015

Managed Mobility Services
October 2015

Enterprise Content Management
October 2015

Identity Governance and Administration
January 2015

Mobile Application Development Platforms
July 2015

Application Security Testing
August 2015

Security Information and Event Management
July 2015

IBM Security

धन्यवाद
Hindi

多謝
Traditional Chinese

ขอบคุณ
Thai

Спасибо
Russian

Gracias
Spanish

شكراً
Arabic

Obrigado
Brazilian Portuguese

Thank you!
English

Grazie
Italian

多谢
Simplified Chinese

Merci
French

Danke
German

ありがとうございました
Japanese

감사합니다
Korean