

jack henry™

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Community Financial Institution

Good

Managed firewall with IPS
DNS malware protection
Endpoint protection
Training for employees

Not Good Enough

Firewall was EOL, delayed upgrade
Not inspecting encrypted traffic
No sandboxing
No data exfiltration monitoring

Results

Severe ransomware infection
On network for at least 3 weeks prior to attack
Compromised through unpatched VMware
Sandboxing could have stopped the malicious file
Data exfiltration monitoring would have detected

Cyber Security & Cloud

**Comprehensive Information Security
for today's modern threats**

Jeanette Bertucci, Sr. Sales Executive
Technology & Information Security
Gladiator

jack henry[™]

July 9, 2024



**Good
enough is
no longer
good
enough**

Your
Information
Security
approach must
be truly
comprehensive



Why?

Microsoft Cyber Signals report August 2022:

>80%

“Over 80 percent of ransomware attacks can be traced to common configuration errors in software and devices.”

Community Financial Institution #2

Good

Two Data Centers

Critical security patches

Next Gen Firewall and IPS +

MSP Alerts and EDR / MDR
deployed

Not Good Enough

Legacy Data retained onsite to
avoid cloud conversion fees

Unmanaged server activated for
archive retrieval in old Data
Center

Some updates were not made
due to EOL

Results

Severe ransomware infection

Network outage over a week

Compromised through "Inactive" hardware



Information Security Requires a Comprehensive Approach

More than managed security services
More than ensuring compliance

- **InfoSec Challenges for FIs**



**Sophisticated
threats**



**Complex
environments**



**Limited
resources**



**Regulatory
compliance**



**Trust &
confidence**

• InfoSec partner checklist:

- | | | |
|--------------------------|--|--|
| <input type="checkbox"/> | 
Sophisticated threats | Mature operation – Fin Tech beyond core banking
Broad visibility with in-depth intelligence
Extensive range of offerings to address modern threats |
| <input type="checkbox"/> | 
Complex environments | Manages complex IT environments, not just monitoring
Public cloud, private cloud, in-house, and hybrid
Manages environments of all sizes |
| <input type="checkbox"/> | 
Limited resources | Integrates with your staff
Large enough to reduce your workload
Understands how your institution truly operates |
| <input type="checkbox"/> | 
Regulatory compliance | Solutions built for your compliance
Reports that satisfy regulators
Held to even stricter standards than you |
| <input type="checkbox"/> | 
Trust & confidence | Reputation in your industry
Specializes in clients like you
Not likely to be acquired, change model, or 'disappear' |

Commitment at our Core

- **Jack Henry capabilities**



**Information Security
& Technology**

We're helping financial institutions proactively and effectively defend against today's complex internal and external threats, secure data and systems, enable regulatory compliance, and ultimately protect their reputations and assets – as well as that of their accountholders.

Broad Expertise and Visibility

Jack Henry's expertise and visibility is unmatched

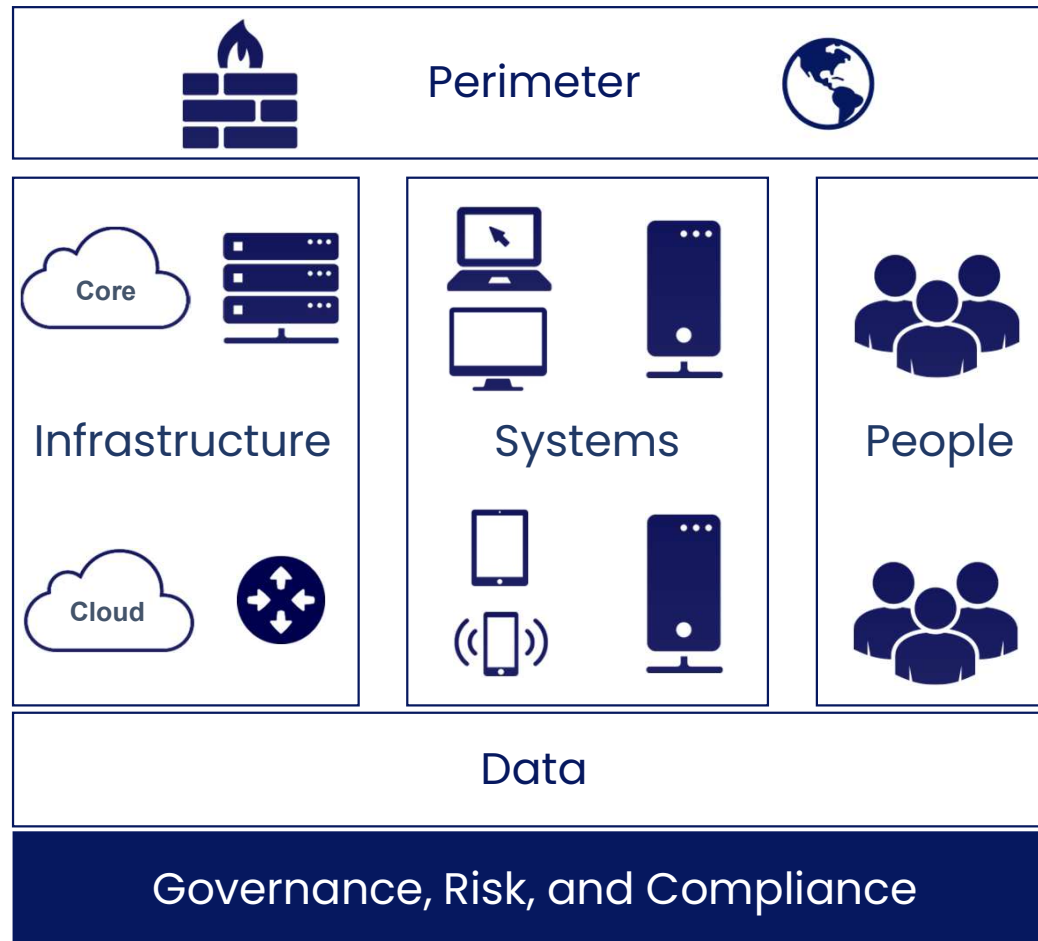
Critical for accuracy and incident response support





JH's Gladiator Solutions
Information Security & Technology

Information Security Focus Areas for FIS



Jack Henry Gladiator Solutions

Comprehensive Information Security built for Financial Institutions



Governance Risk & Compliance (GRC)

- Virtual ISO
- Threat & best-practice sharing
- Asset-Based risk assessments
- Controls validation
- Audit/exam support
- Incident response support
- Policies with ongoing updates
- InfoSec knowledge share
- Ongoing compliance oversight



Managed Security

- Next-Gen SIEM alerting & reports
- Unmatched threat intelligence
- Next-Gen firewall management
- DNS malware protection
- Network access control
- Enterprise vulnerability scanning
- Managed detection & response
- File integrity monitoring
- 24/7 US-staffed SOC



Managed IT Services

- Managed on-premises infrastructure
- System & application monitoring
- Ongoing system & config hardening
- OS and application patching
- Enterprise data backup & recovery
- Backup testing & recovery facilities
- End user IT service desk



Private Cloud

- IaaS in JH's private cloud
- Managed 24/7 by JH experts
- Disaster avoidance architecture
- Hosted JHA and third-party apps
- Virtual desktop infrastructure
- Managed SD-WAN Services

• private cloud computing



- Two Functional Data Centers
 - Proactive cyclical 6-month swings
 - Air-gapped encrypted backups
- Data Security
 - Confidentiality, Integrity
 - Data - Always available for no extra cost
- Regulatory Compliance
 - Trusted and accountable
- System Availability
 - 24x7 access
 - Unlimited accessibility

Our People

- 250+ Certified Professionals
- Located in the USA
- Core Agnostic
- Transparent co-management
- Exclusively for Financial Institutions
 - from De Novo – 30 Billion assets
- In-House GRC Team
- Best Places to Work in Fintech, 2022
 - American Banker
- Best Places to Work in IT, 2024
 - Computerworld
- Most Loved Workplaces, 2023
 - Newsweek



• Gladiator Total Protect

- 
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