



Virtualization Risk FLIGHT Professional Services

Virtualization introduces many more security and operational risks than originally meet the eye. Simply securing individual virtual machines is not enough. TELEHOUSE's research, experience, and methodologies help our customers understand and manage virtualization risk from a security and best practices perspective.

The TELEHOUSE FLIGHT 30 Virtualization Security Dimension model of virtualization risk management coupled with our advanced business and technical-driven consulting methodologies provide our customers with unique insight into the vulnerabilities of a virtualized environment. We will benchmark your virtualization risk with others in your industry and with comparable infrastructure, letting you understand how risks affect your virtual environment and the steps your peers have taken to mitigate those risks.

Our services address the full lifecycle of virtualization risk for existing as well as new virtualization design and deployment. The table below is a snapshot of only several of the hundreds of considerations TELEHOUSE consultants review and advise upon in a prioritized ROI-driven fashion.

Virtualization Risk is part of TELEHOUSE's comprehensive infrastructure services portfolio including security, best practices, and power consumption (Green IT) management.

Let TELEHOUSE help you understand, control and manage the risks that come with a virtualized world.

Benefits:

- Holistic risk management
- Reduce operating and capital expenses
- Leverage best practices and benchmarks
- Ability to meet compliance mandates
- Greater visibility and control of security risks

Features:

- Full lifecycle management
- Virtualization design and deployment
- Prioritized ROI-driven methodology

"TELEHOUSE is the security partner with the knowledge, tools, proven experience, and commitment to secure the value of businesses... constantly, without exception"

For more information visit www.TELEHOUSE.com

TELEHOUSE FLIGHT 30 Virtualization Security Dimensions

Storage	<ul style="list-style-type: none"> • SAN LUN masking, zoning, authentication, and denial of service (DoS) • NAS DOS and snooping • Advanced features and shred storage risks • VM image management • VMs stored on storage infrastructure and importance of security of that storage infrastructure
Risk propagation and centralization	<ul style="list-style-type: none"> • Compromise of hypervisor can result in full access to all hosted machine • internals • Risks across all operating systems in single system • Loss of heterogeneous risk reduction • Hypervisor malware threats • Specific higher security configuration
Hardware	<ul style="list-style-type: none"> • Inheritance of all hardware security issues • BIOS and other embedded vulnerabilities • Visibility to timing channel and increased encryption attack vectors
Anomaly detection	<ul style="list-style-type: none"> • Challenges in achieving full visibility across virtual switches and multiple virtual hosts
Personnel	<ul style="list-style-type: none"> • Separation of duties and expertise, role assignment; authentication and separation
Management of environment maturity	<ul style="list-style-type: none"> • Maturity in commercial applications and toolsets
Virtualization of security devices	<ul style="list-style-type: none"> • Architecture and isolation
Physical access	<ul style="list-style-type: none"> • USB, Firewire, CD, etc.
Centralized management and VM host communication	<ul style="list-style-type: none"> • Securing of management systems and channels



About TELEHOUSE

TELEHOUSE is an IT infrastructure specialist – our core business is IT infrastructure professional and managed services solutions including fractional outsourcing and managed security. We are the first truly global company to provide a comprehensive suite and a holistic approach to information technology including Knowledge, Technology, and Management Services.

Today's businesses rely on information as a key component of critical operations. Balancing the protection of critical data from increasingly sophisticated risks and opportunities while enabling convenient access to staff, partners and customers is becoming a more expensive and complex undertaking. TELEHOUSE permits clients to not only control these cost, but to also reduce them.

Peace of Mind

We've got you covered 24 X 7 - backed by global Service Operation Centers. Since 1988 we have been providing network and information services to thousands of clients worldwide. We are committed to investing in the most current technologies and expert staff whose job is to stay abreast of new opportunities, threats, compliancy requirements and the most effective methods to detect, prevent and remediate risks.

Knowing Your Risks

TELEHOUSE designs customized policy and process solutions to mitigate customer's risks. The first critical step in protecting information assets is to know acceptable levels of risk and the impact of compliancy mandates. Our consulting experts can provide insight of risk exposure through varying levels of IT infrastructure reviews, penetration tests, and vulnerability assessments. Once the risks are known, you decide how they affect your business.

Choice

TELEHOUSE offers choices, so our clients can determine the solution and level of support needed. Business requirements are unique and dynamic. That's why TELEHOUSE partners with more than 100 vendors and offers varied levels of Proactive Services to assist IT staffs in operating more efficiently. Whether the need is simple health monitoring, cross-platform event correlation, Co-managed or fully managed solution and in-the-cloud hosted services.

Flexibility

Our services enable our customers to expand beyond their competitors. At the core of our solutions is a proprietary rule-based engine that allows us to tailor solutions for client's unique requirements such as notification times or enabling policy changes. TELEHOUSE Technology Services provide access and support of products from over 100 partners enabling support of nearly any environment. We also provide break/fix service for quick hardware replacement locally and in remote locations.

Reliable Support

Our support, backed by Industry-leading SLAs, provides customers with a reliable partnership.

TELEHOUSE's services are powered by a unique architecture and data intelligence engine with a robust customer portal for accessing and reviewing your supported devices. Built on in-house technology, TELEHOUSE Security Information System (ISIS) and the Security Service Appliance (SSA) enable a level of security and reliability that is unrivalled in the industry.

TELEHOUSE is the partner with the knowledge, tools, proven experience, and commitment to drive the value of IT to businesses ... constantly, without exception.

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