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TOP DIGITAL RISK TRENDS AND IMPLICATIONS FOR YOUR CUSTOMERS

Security Briefing

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@RSAsecurity

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DIGITAL TRANSFORMATION

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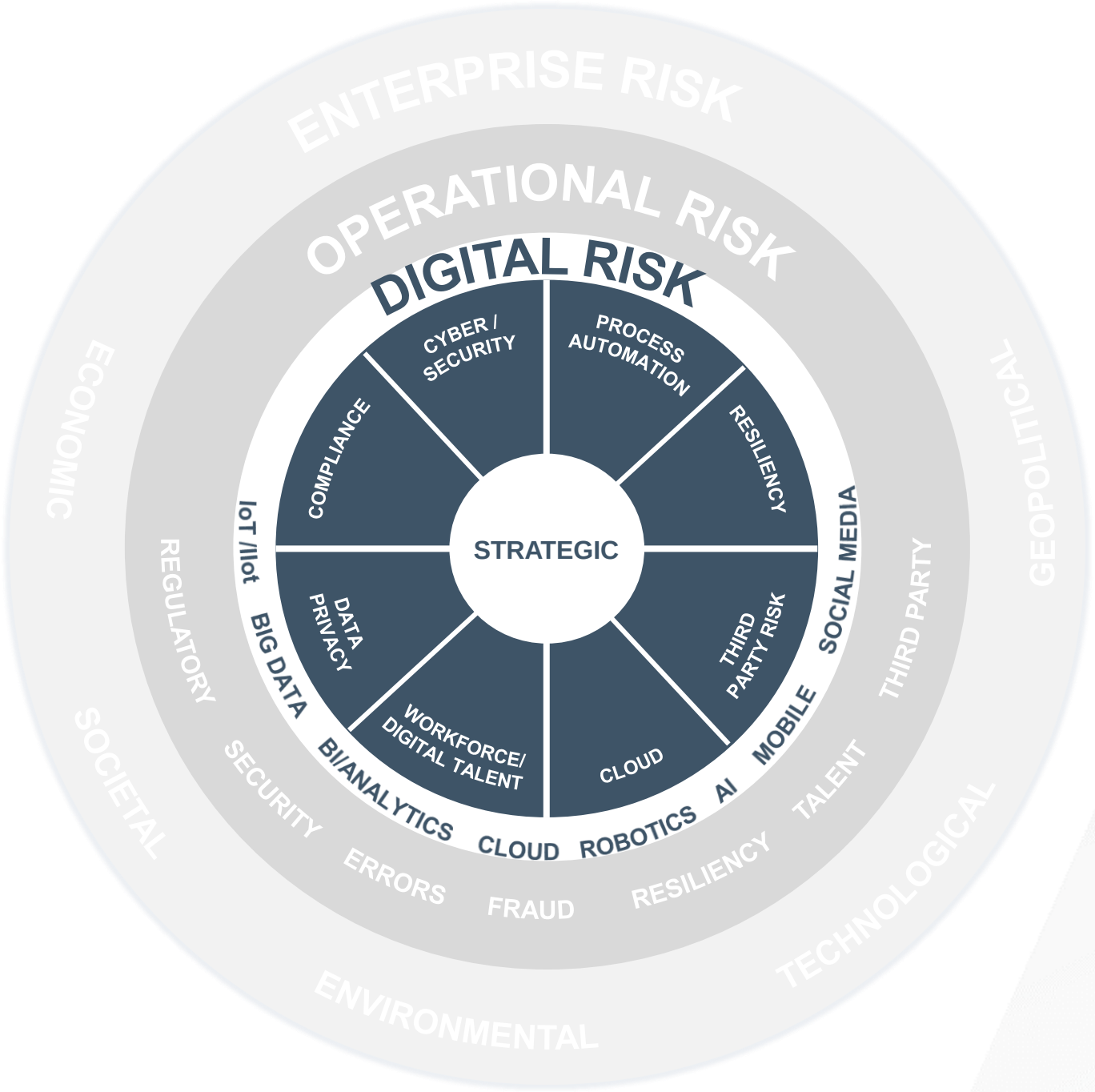

- **Cyber/Security** – risk of cyber attacks
- **Process Automation** – risks related to changes in processes from automation
- **Resiliency** – risk to availability of business operations
- **Third Party Risk** – inherited risk related to external parties
- **Cloud** – risks due to the change in architecture, implementation, deployment, and/or management of new digital business operations
- **Workforce/Talent** – risks related to the dynamic nature of today's workforce
- **Data privacy** – risks related to Personal Information
- **Compliance** – risks related to existing and emerging compliance requirements driven by new tech

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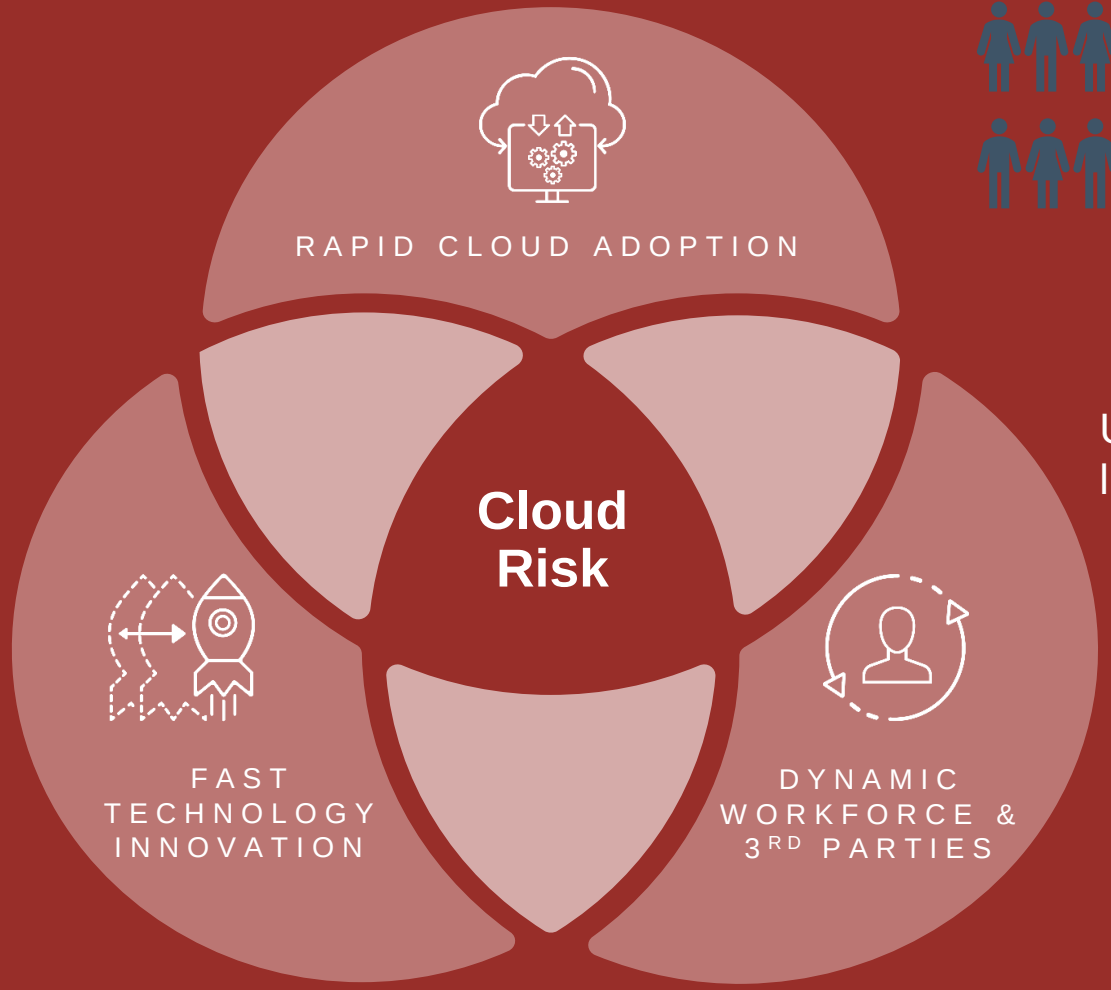
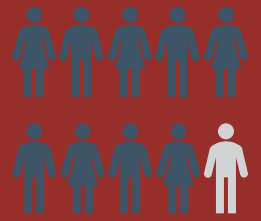
CLOUD TRANSFORMATION TRENDS

Cloud applications and infrastructure limit IT security visibility



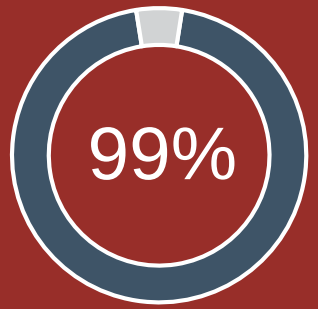


Nine out of ten companies will have some part of their applications or infrastructure in the cloud by 2019

500 million new applications will be created within the next 5 years

DevOps increases cloud application speed-to-delivery

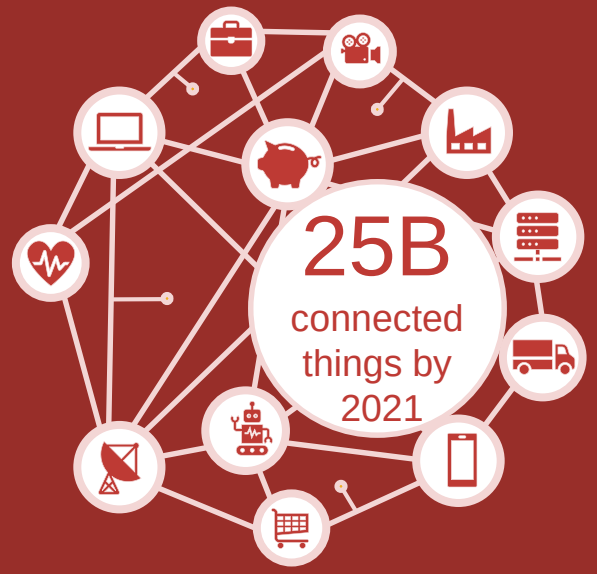
User access may be the only line of defense



of cloud security failures will be the customer's fault through 2023

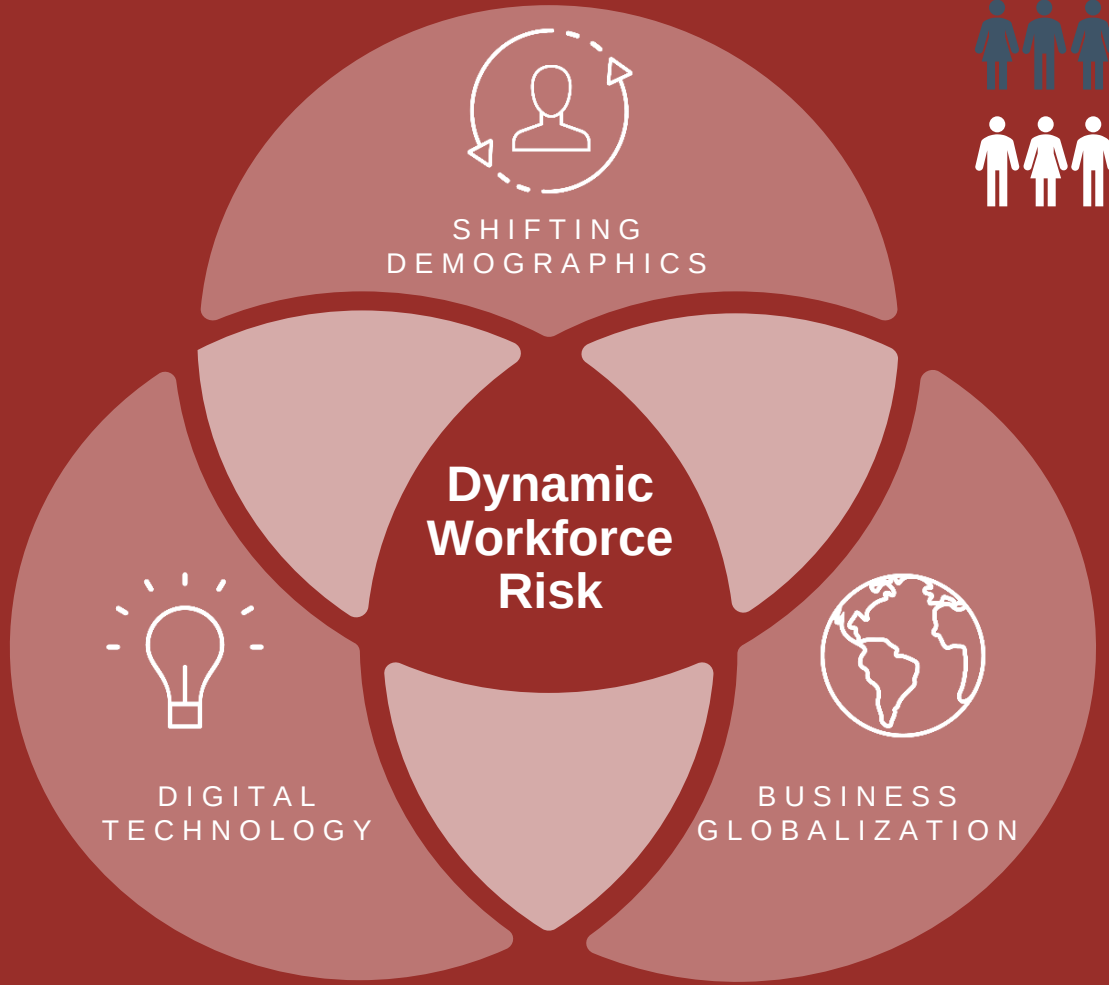
IDG 2018 Cloud Computing Survey; IDC FutureScape: Worldwide IT Industry 2019 Predictions; Gartner Top Security and Risk Management Trends, Jan 2019

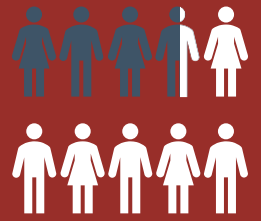
TRENDS DRIVING WORKFORCE RISK



Cloud, mobile, and IoT devices are dramatically expanding the attack surface

Gig workers create a revolving door of joiners, movers and leavers





36%

of all workers participate in the gig economy in some capacity

Different technologies to assimilate and regional regulations to harmonize

PCI
PIPEDA
ISO
GDPR
NIST
HIPAA
NERC

Gallup's Perspective on The Gig Economy and Alternative Work Arrangements, 2018; Gartner Identifies Top 10 Strategic IoT Technologies and Trends, 2018

THIRD PARTY RISK TRENDS

59%

of data breaches in 2018 were caused by a third party

THIRD-PARTY ECOSYSTEMS

MORE COMPLEX

EXPANDING EXPONENTIALLY

MORE DIGITAL

SECURITY RISK MANAGEMENT

UNKNOWN RISKS

UNCERTAIN BUSINESS IMPACTS

INCOMPLETE VIEW OF RISK

11%

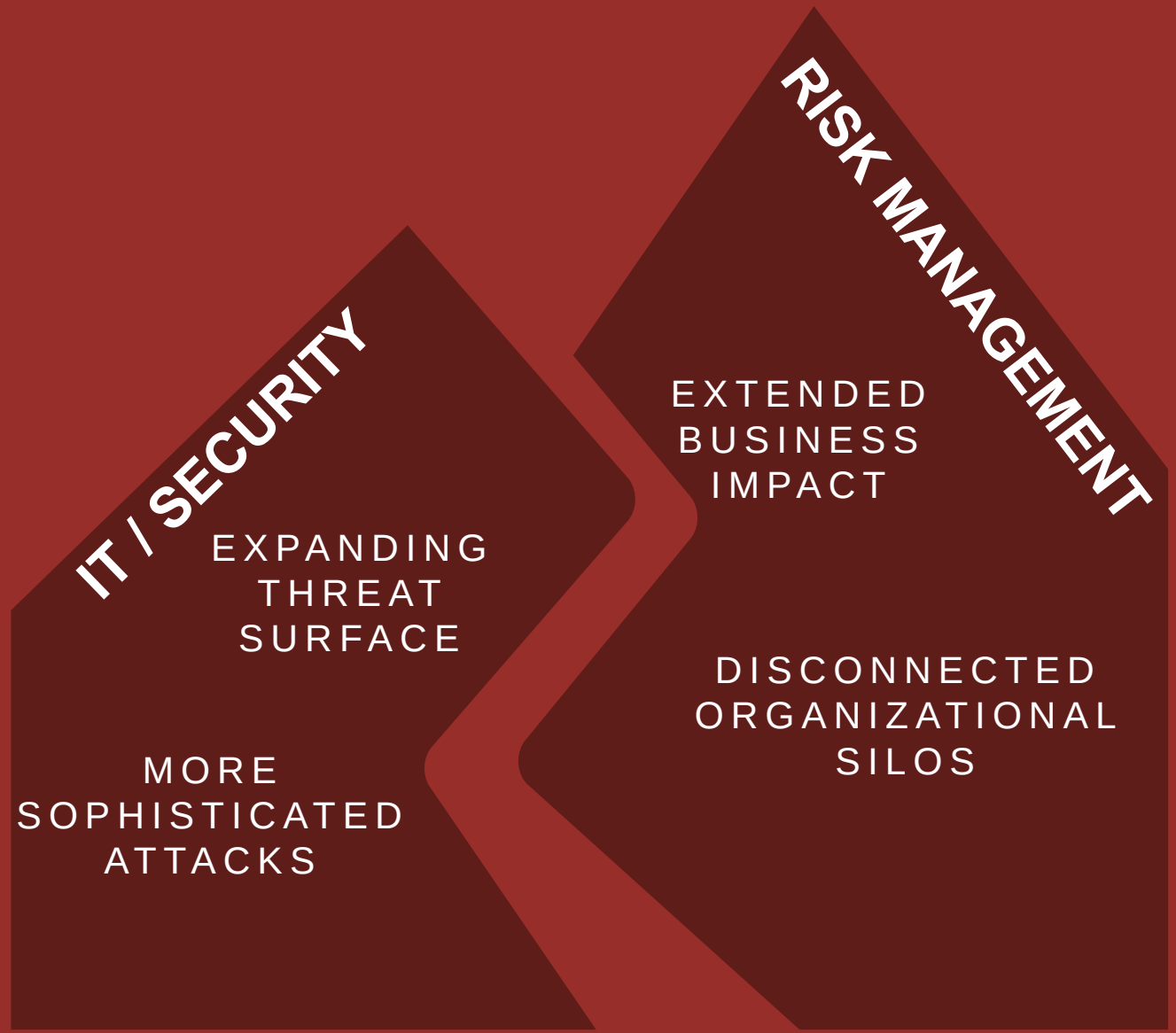
of companies know if sensitive data was lost or stolen by a Nth party

Source: ESG Custom Research, *Cybersecurity and Business Risk Survey*, March 2018

CYBER ATTACK RISK IS BUSINESS RISK

82%

Risk and security professionals consider security breaches as a business risk rather than just an IT risk.



73%

Say the relationship between IT security and business risk can be difficult to coordinate.

Source: ESG Custom Research, *Cybersecurity and Business Risk Survey*, March 2018

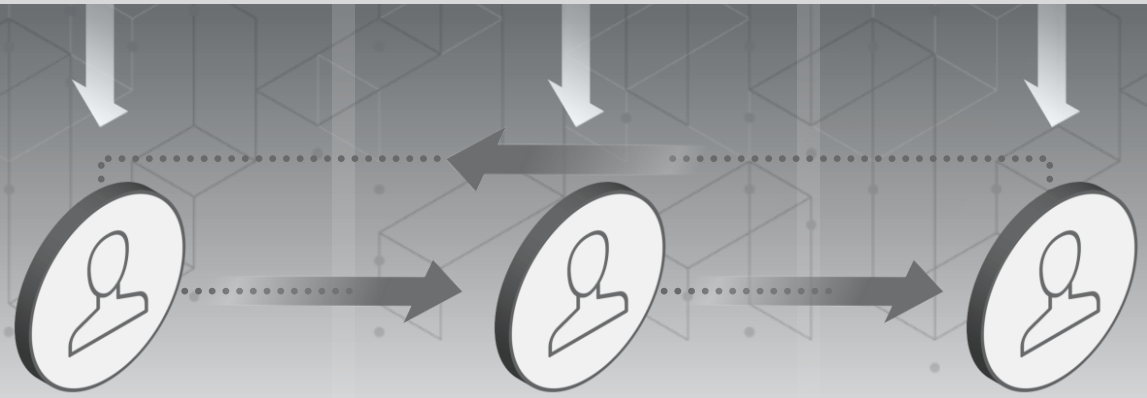
CEO / BOARD

DIGITAL RISK

VISIBILITY

INSIGHTS

ACTIONS



IT

SECURITY

RISK MANAGEMENT

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STRATEGIC PARTNER TO BRIDGE THE GAP

	SECURITY	**Manage Digital Risk With a Unified, Phased Approach**	RISK MANAGEMENT
Language	NIST CSF, ISO 27001		ISO 31000, COSO ERM
Key Inputs	Threats & Vulnerabilities	**Business Context & Potential exposures**	Likelihood & Impact
Mode	Tools & Tech	**Data-driven, Contextual**	Conversations & Committees
Measurement	# of attacks averted; # of vulnerabilities found; # of …	**Risk Quantification**	$$$ of loss exposure
Mode of Operation	Defense in Depth > Contain What Matters	**Digital Risk Management**	3 Lines of Defense (working together) IRM
Attitude	Don't take any chances	**Know What Risks Matter**	Manage uncertainty
Core Goals	Keep the bad guys out	**Enable the Business –** **be a positive force for transformation**	Keep the business out of trouble

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PROTECT YOUR CUSTOMERS' DIGITAL FUTURE

with a unified approach to advanced security operations & integrated risk management

RSA Archer Suite

Proven Integrated Risk Management

RSA NetWitness Platform

Evolved SIEM & Advanced Threat Defense

Figure 1. Magic Quadrant for Security Information and Event Management

Source: Gartner (December 2018)

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Secure Access for All Users

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CREATE A TAILORED PLAYBOOK

to assess, quantify and mature your customers' Digital Risk program over time

RSA Archer Suite

Proven Integrated Risk Management

RSA Fraud & Risk Intelligence Suite

Omni-Channel Fraud Prevention

Support Along the Journey

Roadmaps & Strategy for Digital Risk Maturity

RSA NetWitness Platform

Evolved SIEM & Advanced Threat Defense

RSA SecurID Suite

Secure Access for All Users

Strategic Partnership

Expert Consulting Services

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