CSRA

A Cyber Security Risk Assessment Solution

by:

SECNESYS
THE CYBER SECURITY COMPANY

Today, more than ever, Cyber Security is everyone's responsibility – CSRA is here to help you take action

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Challenges

- Tech adoption expands threat landscape: Industry 4.0 (IoT, cloud, blockchain, etc.)
- Increasing pressure to comply w/regulations
- Lack of Security pros in the market.
- Leadership often not involved building a Security strategy. Employees not trained

- Cyber crime will cost the world $6T by 2021[1]
- From 2017 to 2021, Security IT spending will surpass $1T USD (12% -15% CAGR)[2]
- In 2018 Cyber attacks and Digital fraud & Theft have for the first time in the "WEF Global Risk Report" (3rd & 4th place)[3]

Ideal Solution

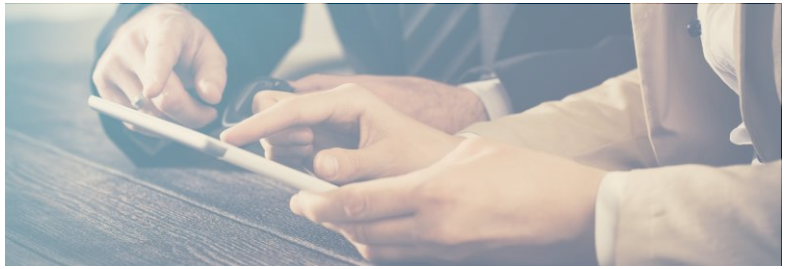
Being able to continuously assess Cyber risk posture and capabilities on three critical areas: Prevention, Detection and Response, and act on the most critical projects first – thus balancing investment between risks and potential impacts - while complying with industry regulations.

Organizations rely in many security solutions from multiple vendors. By now, there is enough proof that technology alone is not enough. Cyber security is all about prioritization & continuous learning, as well as getting leadership involved for efficient decision making and proper funding, and workforce properly trained.

Desired Outcomes

- Ensure that the organization understands the risks and sets the right priorities, putting in place the right governance, the right supporting processes and the right enabling technology.
- Use a multi-dimensional approach, to tackle the problem, without disrupting the business.

- Achieve 100% security is neither feasible, not the proper goal – instead build a good defensive posture, in which technology is more an enabler than a solution
- The key to success is customization and specialization (one size doesn't fit all)



[1,2] Cybersecurity Ventures, Official Annual Cybercrime Report 2018. [3] World Economic Forum, The Global Risks Report 2018, [4] KPMG Cyber Security: in not just about technology, 2018

*Introducing **CSRA:** Multi-dimensional Cyber Security*

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A multi-phased, multi-dimensional solution to assess your Cyber risk and define your Cyber security strategy according to what matters the most to your organization.

Leadership & Board oriented

Top - down approach

- Provides insights to mgmt. team to get the basics right from the start
- Leaders demonstrate due diligence, ownership and effective risk management
- Focused on protecting the business as a whole

Aligned to your industry regulations

Driven by compliance, powered by your own learning

- CSRA can be customized to the regulation and framework applicable to you: ISO27001, PCI-DSS, HIPPA, COBIT, NIST, ISO 22301, LFDPPP, GDPR
- Active learning guarantees savings and resiliency

Balances investment: Risk vs potential impact

Identifies critical projects and where they fit in the strategy

- Maximizes return on your current IT investments & discovers *hidden needs*
- Lays-out a clear path to success, prioritizing on the most critical projects
- Gets everyone on board!

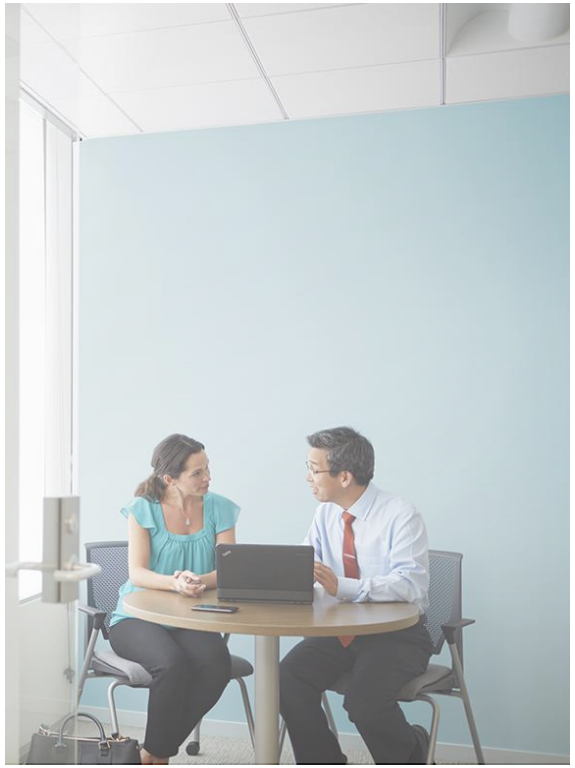
It goes where others can´t

CSRA will…

- Discover the critical security controls, & oversee it's correct implementation in your infrastructure, people and processes.
- Recommend, implement and manage the resulting solution avoiding execution gaps

"We have found in SECNESYS the ideal partner in the field of Cyber Security, they have the experience, offer the right solutions and above all, they know how to satisfy to our needs." – Víctor Martínez, Cyber Security manager, BANREGIO

CSRA Execution framework



Assess customers current Cyber security posture

- Assess People and Process
- Assess Infra & Ops
- Security controls maturity

Vulnerability Assessment

Execution of technical assessments to uncover existing vulnerabilities in your infrastructure

Risk Assessment

Assess the potential impact of discovered vulnerabilities and their level of risk, so you can avoid future business disruption

Risk Management

- Prioritize initiatives to manage risk effectively
- Monitor progress on risk mitigation projects

CSRA + Microsoft 365 Security and Compliance solutions

Microsoft

CSRA helps organizations design and implement an efficient Cyber Security strategy, that is quickly and effectively executed when combined with the adequate technology. ***CSRA*** and Microsoft Security and Compliance solutions are an ideal fit, for many of your Cyber Security needs.

Identity and Access Management	Information Protection	Threat Protection	Security Management
Prevention	**Protection**	**Response**	**Operation Management**
Protects the identity of users and controls access to sensitive resources, depending on the user´s level of risk	Protects information wherever it resides or moves. Continuous traceability and auditing	Protects against threats and allows rapid recovery in case of attack	Provides visibility and control over the resources that safeguard your security

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Identity and Access Management	Information Protection	Threat Protection	Security Management
Prevention	**Protection**	**Response**	**Operation Management**
Azure Active Directory Microsoft Cloud App Security Windows Hello Windows Credential Guard	Azure Information Protection Office 365 Data Loss Prevention Microsoft Cloud App Security Windows Info. Protection Microsoft Intune BitLocker	Azure Adv Threat Protection Windows Defender Adv Threat Protection O365 Adv Threat Protection O365 Threat Intelligence Microsoft Cloud App Security	Microsoft Security & Compliance Center Windows Defender Security Center Microsoft Secure Score

CSRA takes your Security strategy further…

***SECNESYS** has partnered with Microsoft Azure and top Industry Security Vendors (ISV's), to further strengthen your Cyber Security Strategy.*

CSRA will accelerate your Digital Transformation Journey, and ease your way to the cloud, keeping you secure and in control.

The Best of Breed Technology and Expert Human Capital for your Cyber Security strategy

We help define your Cloud Security strategy

SECNESYS will assess your current security posture, and help you define your journey to the cloud for:

- Business Continuity
- Hybrid Cloud
- Application & DB migration,
- App control.

We further secure your key assets in the cloud

SECNESYS works with the best Security industry leaders, to support your migration to the Azure cloud:

Check Point SOFTWARE TECHNOLOGIES LTD.

IMPERVA

Infoblox

Microsoft

CYBERARK

We support you with the best Industry qualifications

Our consultants hold the most industry demanding Cyber Security Certifications:

ISO 22301:2012 Lead Auditor

ISO 27001 Lead Auditor

PCI

ITIL V3 Certified

CISSP

CISA Certified Information Systems Auditor

CRISC Certified in Risk and Information Systems Control

C)DRE Certified Disaster Recovery Engineer

ECSA

C)PTE Pen Testing Engineer

CHFI

DRI International

CEH

BP's: Secnesys Cyber Security Best Practices (intelectual property)

CSRA – Manufacturing industry customer reference case

International "Manufacturing Industry" Customer

- Electronics component manufacturer
- >5,000 employees in Mexico

Risks and Challenges

- Uncertainty of assets supporting business critical services
- Unable to identify critical information and track access to it
- Lack of control of current security measures, it's effectiveness and maturity level
- Financial, reputational and operational risk due to potential impact, not measured
- Lack of visibility of main risks associated with IT vulnerabilities
- Reactive and inefficient sec. strategy, wo/leadership support

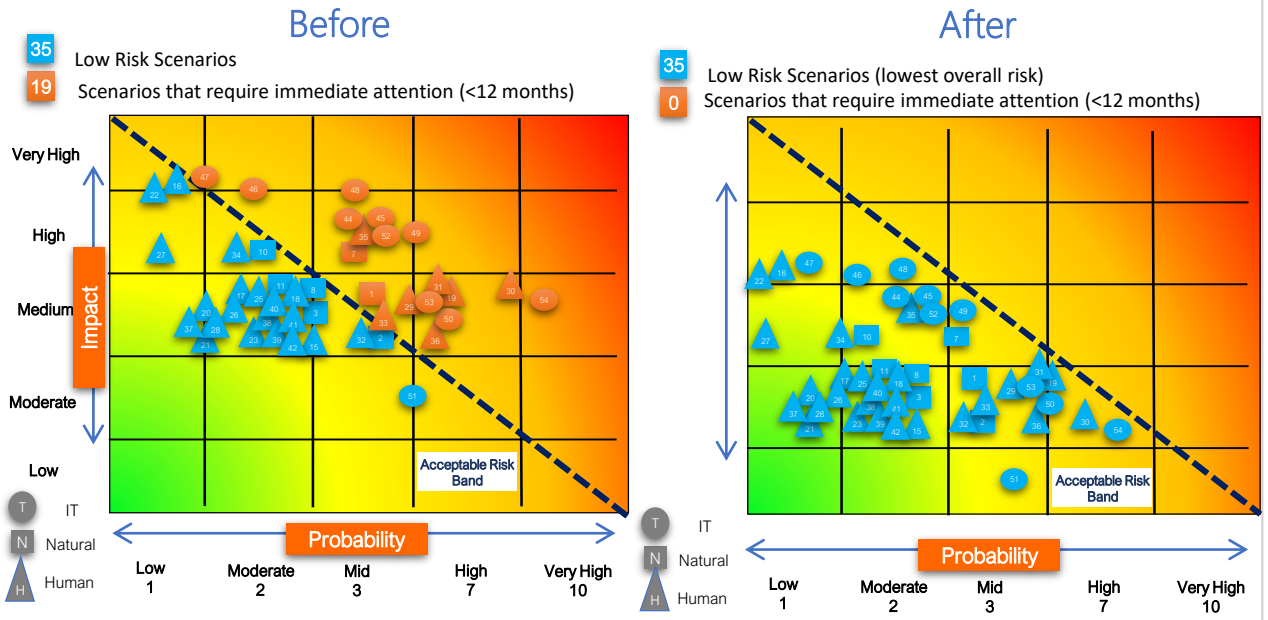
Customer Benefits: (12 months timeframe)

- 40% reduction in the Global Risk Technological Index
- 80% reduction in vulnerabilities: Less exposure to risk
- Increased Critical Service Availability from 85% to 98.5%
- Compliance with internal and external IT audits
- Successful implementation of critical security controls
- Increased security awareness among employees
- Defined Cyber Sec roles & responsibilities (IRT created)

Win Results – *CSRA* Risk Heat Map

Decreased from 19 high impact risks to 0 in 12 months:

Identify current threats:	Accidental, Deliberative
Identify Vulnerabilities:	Weak processes, Single points of failure, obsolescence
Assess Business Impact:	Productivity, Legal/Compliance, Reputation, Financial



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