

Risk Assessment as a Gateway to Efficiency and Innovation

Building Enterprise Value by Identifying and Mitigating Risks

Jeffrey A. Slotnick CPP, PSP, President





Enterprise Security Risk Management Services™







Partners in Success

Jeffrey A. Slotnick CPP, PSP President

- Senior Risk Consultant, trainer, and author with 30 years of experience
- Leader regarded internationally by ASIS and Senior Risk consultant community
- Creator ESRMra™; Data Driven Risk, Threat and Vulnerability assessment solution
- Authority Proven leader, ISO Lead Auditor, Certified master trainer, Skilled investigator

Michael Keneipp – CTO and Managing Partner

- Executive, consulting and technical expertise experience spans 37 years
- Creator ; ESRMra[™] Data Driven Risk, Threat and Vulnerability assessment solution
- Designer ESRMra[™] Business friendly collaboration technology solutions and processes
- Developer Comprehensive strategic and tactical business plans

Nancy D. Slotnick MBA, SPHR, GPHR CEO

- Senior Risk Consultant with 30 years of experience
- Leader Regarded internationally by ASIS and SHRM for Standards Development, Investigations, and Threat Assessments
- Creator Threat Assessments, Crime Analysis, Trend Analysis
- Authority Accredited ISO Auditor, Credentialed Human Resources Professional



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Risk Assessment as a Core Practice

Executive Level <u>Practicing</u> Professionals

- Risk, Protection, Emergency Management, Training
- Systems Integration, MS product suite expertise, Web solutions
- Industry thought leaders

Analytics

- Treats Traditional Processes as Data Points and Informatics
- Provides Information which defines and supports the Business Case
- Persistent Risk picture not a one and done

Business Intelligence

- Identifies the value in risk
- Leads to the improvement of the bottom line
- Provides facts rather than subjective information
- Demonstrates Success over time.







The Value of a Quality Risk Assessment

Risk, Threat, and Vulnerability Assessments are often misunderstood and therefore misapplied. In our opinion risk assessment is not merely identifying risks and calculating a risk level. It is the entry point for identifying and quantifying all enterprise risks. Further, it is a process of continuous improvement which ensures accomplishment of the Enterprise strategy.



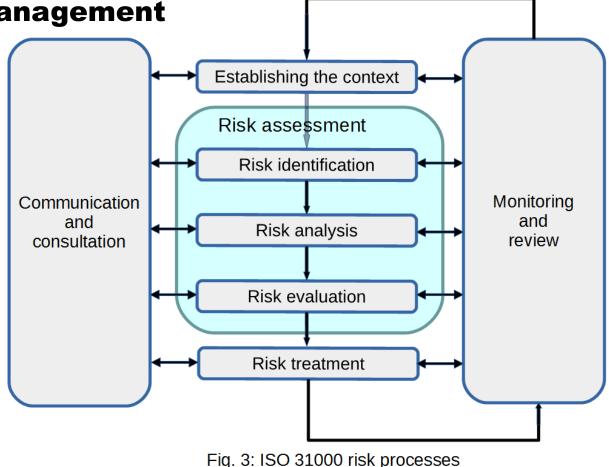
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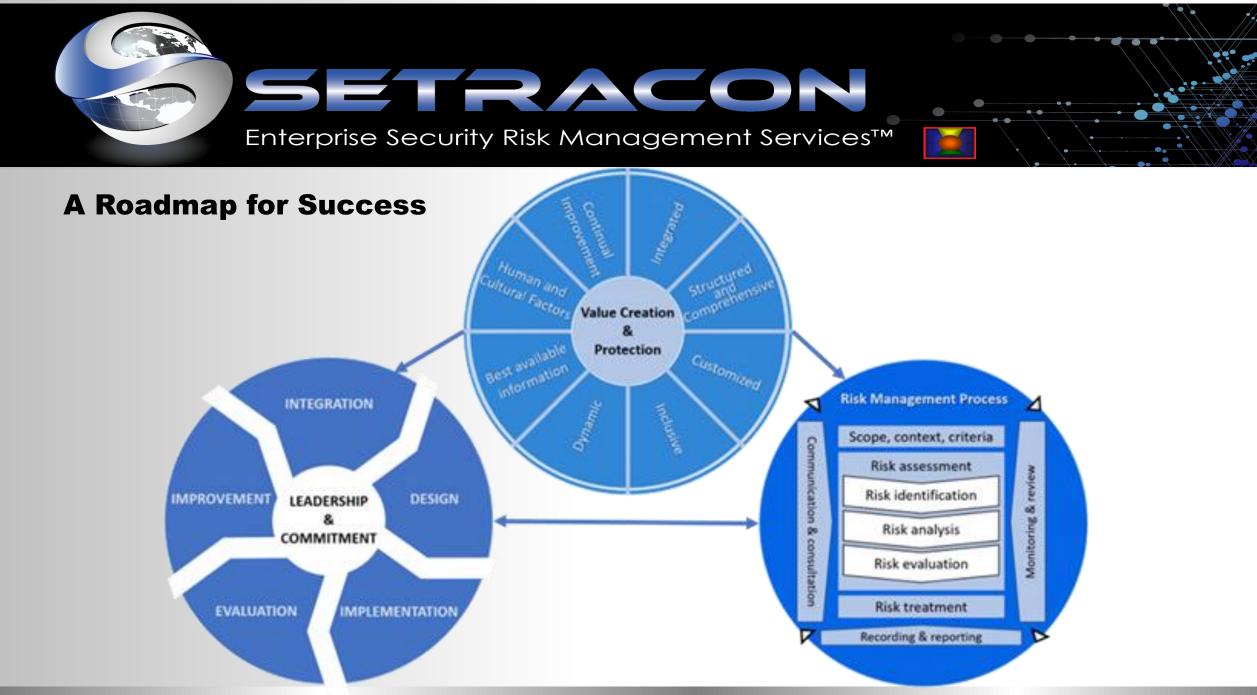
ISO 31000 Risk Management

Leadership and Commitment

- 1. Identify the problem
- 2. Analyze the problem
- 3. Identify decision criteria
- 4. Develop multiple solutions
- 5. Choose the optimal solution

Problem Solving Process







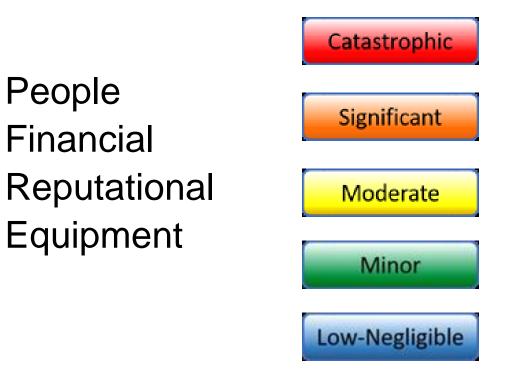
Understanding the Impacts of Risk on the Business Strategy

People

Financial

Equipment







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Value in Risk

- No Leverage of the Ecosystem or their learnings
- Data is rarely repurposed into people, process and communication platforms diluting:
 - Process Improvement Efforts
 - Continuous Compliance Efforts (Real-time)
 - Proactive and Predictive Response to Risks
- Duplicative Infrastructure and Costs



*Estimate: 10-20% of the Budget Spend is based on Inefficiencies in people, process and/or tools



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The Risk Silos

- IP & Brand Protection
- Investigations
- Ethics
- Regulatory Compliance
- Safety/OSHA
- Business Continuity
- Physical Security
- Loss Prevention
- Fraud Prevention
- Information Security
- Background Checks

Cost & Value Hiding in the Information Silos

Commitment	Definition and Analysis	Planning	Implementation and Operation	Evaluation and Review
Executive Sponsor ERM Executive Manager Resources and Capital Integrated Roles and Responsibilities	Scope, Objectives, Targets Risk Assessment Business Impact Analysis Functional Operational Risk (Finance, Legal, etc.)	Standards Policies Core Processes Technology and Tools Awareness Prevention Mitigation Response Recovery	Procedures Training Education Persistent Communication Persistent Measures Reporting Resource and Finance Alignment	Exercises Simulations Internal Audits Corrective Actions Process Improvement Roadmap and Planning



Where do Security Program Inefficiencies Reside?

Global Security Operations Centers Security Force Management Physical Security Technologies





Cost &

Value

in the

Silos

Hiding

Physical

Security

SETRACON

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- Access Control
- Visitor Management
- Door Contacts and Strikes
- Video Cameras/Video Analytics
- Guard Forces
- Alarm Monitoring
- Crisis Communications
- Buried Sensors
- Above Ground Sensors
- Entry systems
- Lighting
- Barrier Systems
- Biometrics







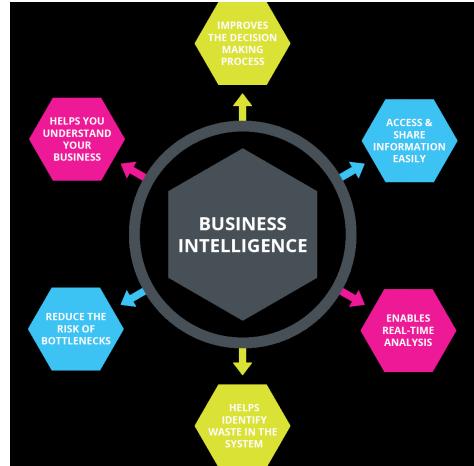






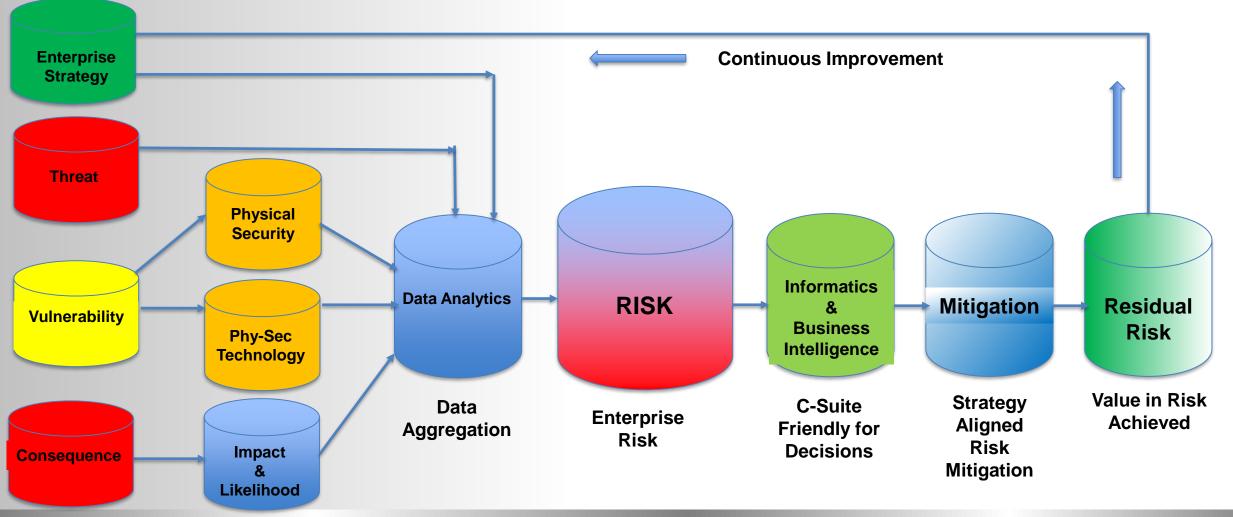
Business Intelligence, Data Analytics and Informatics

- 1. Business intelligence provides facts which are needed to identify the value in risk
- 2. Data analytics and informatics are both essential for success in understanding your risk and its opportunities
- 3. We use analytics and informatics to capture risk assessment data.





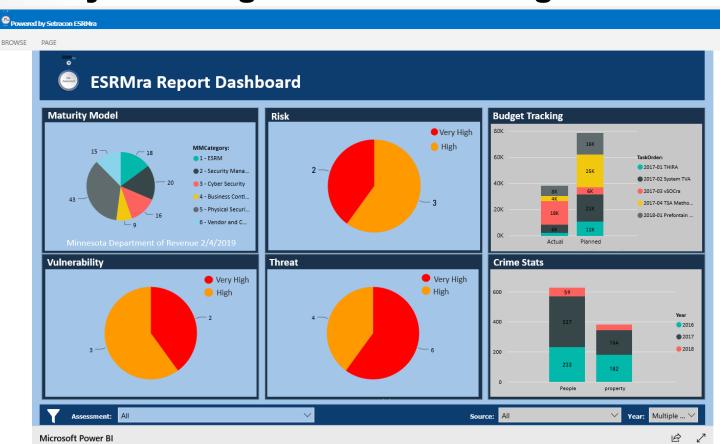
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Critical Risk Information Portrayed through Business Intelligence Tools

- •View the assessment process as data points.
- Quantify, Rank, and Analyze the Data
- Portray the data for security related business decisions.
- Data is subjected to analytics.







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User Defined Reports When you Need Them

- Easily understood user configurable reports
- View and print complete or partial assessment reports
- Rapidly visualize the Risk, Mitigation, and Residual Risk
- Real time information
- Shared understanding forms the basis for mutual decision making

Photo Na	ame		Address		City	State	Zip	Country	Campus
E	verett Sounder Station		3201 Smith Ave		Everett	WA	98201	USA	None
Risk									
	Initial	Risk				Resid	ual Risk		
Initial Risk Rating Risk Action	Vulnerability Level Threat Rating Likelihood Severity	Vulnera	bility	Mi	tigation		usted Risk k Action	Rating	Adjusted Vulnerabilit Level Likelihood Severity
High 2 - Risk must be t.	Very High Low Likely Significant	commu platforr	a lack of emergency nication equipment across the h. This creates a situation where yers can not call for emergency ce.	-	a lanny stock photo stall call boxes which are supporte.	3 -	Modera [:]		Moderate Possible Moderate



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ESRMra™

- 1. Risk, Threat, & Vulnerability
- 2. Security Process Optimization
- 3. Business Process Intersection
- 4. Security Master Planning

Leads To

- 1. Road Mapping
- 2. Risk Register
- 3. Enterprise Integrations
- 4. Enterprise Migrations
- 5. Enterprise Security Risk Management



An ESRM Based Delivery Model



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Level 5 Leadership Value Level 4 Security as Strategic Service Partner Level 3 Security as Service Security and Business . Proactive Provider Unit Metric Linkage Measure Business Define service classes • • **Collaboration** Level 2 pricing Processes. improves business Analyze trends Understand costs processes. Reactive Set thresholds Guarantee SLAs Real-Time Situational Fight fires Predict Problems Measure and Report Level 1 Awareness Alert and Event Measure Availability on 'ilities' . • Strategic Business management Chaotic Automate (Pokey Yoke) Integrate processes Plan and Roadmap Measure Ad Hoc Mature Performance Capacity Incidents. Manage Security as a Business Undocumented Management. Management Initiate Problem Unpredictable Management Help Desk(s) Security Service Management Process. Minimal IT Support Security Delivery Process Engineering and Management

Level 5

Security Operational Process Engineering and Management

Tool and Product Leverage

Building a Leadership Platform for ESRM

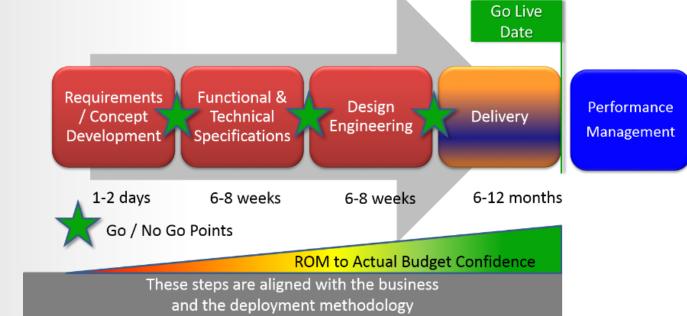
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Narrow Risk Picture.

Call Notifications



- All metrics start with a baseline assessment of performance. (Risk Program and Technology)
- Security must bridge the relationship gap with Line of Business Leaders
- Security Leadership involves Cross Functional Integration across all lines of business (LOB)



Learnings

The Business of Security is the Strategy of the Business



Enterprise Security Risk Management Services™

Our Company

Founded in 2000

Professional Services

- Enterprise Security Risk Management Services (ESRM)
- ISO 28000
- ISO 31000
- ISO 22301
- Resiliency Management Systems
- All Hazard Risk, Threat, and Vulnerability Assessments
- Security Master Planning
- Physical Security Planning and Review
- Project Management
- Business Process Analysis

Professional Services

- Development of Key Performance Indicators and Metrics
- Special Events Planning and Risk Management
- Emergency Management
- Training and Training Evaluations
- Exercises
- Data/Records Management
- Documents, Web Forms and Communications





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Enterprise Strategic Risk Goals

- Perform Comprehensive Analytical Risk Assessments.
- Align Security Strategy with Enterprise Strategy
- Develop integrated technology solutions
- Mitigation Strategies
- Zero Based Studies
- Business Continuity and Crisis Management Planning
- Train your employees on Assessments and Physical Security Technology



Thank You,

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