Secure your company’s Crown Jewels
Crown Jewels

The most valuable data, intellectual property (IP) and trade secrets form the heart of an organization’s identity.

The theft, misuse or corruption of Critical Data can cripple operations, severely damage brand reputation, and dramatically reduce shareholder value.
Protecting your Crown Jewels is good for business

- Enhance Profitability
- Improve Competitive Posture
- Protect Brand Reputation
- Avert costly breaches
- Reduce compliance costs
- Heightened awareness to risks & attacks
Intellectual property and other enterprise critical data represents an estimated 70% of the value of publicly traded corporations.
<table>
<thead>
<tr>
<th>DATA VALUE</th>
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</thead>
<tbody>
<tr>
<td>ENTERPRISE CRITICAL</td>
<td>Critical intellectual property ▪ Top-secret plans &amp; formulae</td>
</tr>
<tr>
<td>EXECUTIVE</td>
<td>M&amp;A/ Divestiture plans ▪ Executive/ Board deliberations</td>
</tr>
<tr>
<td>REGULATED</td>
<td>SPI &amp; PII ▪ DPA ▪ PCI DSS ▪ Sarbanes-Oxley ▪ HIPAA ▪ Quarterly Results</td>
</tr>
<tr>
<td>BUSINESS STRATEGIC</td>
<td>External audit results ▪ Alliance/ JV/ Partner data ▪ Business strategic plans</td>
</tr>
<tr>
<td>BUSINESS UNIT CRITICAL</td>
<td>Design documents ▪ R&amp;D results ▪ Customer records ▪ Pricing data ▪ Security data</td>
</tr>
<tr>
<td>OPERATIONAL</td>
<td>Project plans ▪ Contracts ▪ Salaries &amp; benefits data ▪ Accounts receivable</td>
</tr>
<tr>
<td>NEAR PUBLIC</td>
<td>Partners list ▪ Revenue growth by segment ▪ Market intelligence ▪ Pay comparison data</td>
</tr>
</tbody>
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The Aims of this workshop

1. Establish agreement on what constitutes the "Crown Jewels"

- How much is there?
- Where is it?
- Who has access to it? Applications, People?
- Who are the business owners
- What business processes rely on it?
The Aims of this workshop

2. Develop the basis for a new/revised security strategy

- How is Critical Data used in the business and by whom?
- What is the acceptable level of risk?
- What happens when our critical data is shared outside the enterprise?
- Security not compliance
- Continuous evaluation in the face of changes to the business and threat landscape
- Direction & Starting point
What are the "Crown Jewels"?
Where are they?
How are they used?
What is required to protect critical data?
Operational considerations.

- Determine data protection objectives
- Define the "Crown Jewels"
- Develop an organisational data model
- Stakeholder consensus

- Data Collection
- Interviews & Workshops
- Classification
- Risk evaluation & Prioritisation
What are the "Crown Jewels"?

Where are they?
How are they used?

What is required to protect critical data?


Operational considerations.

- Understand data lifecycle/ environment
- Perform interactive discovery, analysis and classification.
- Identify areas of critical data storage, traffic, access.

- Iterative tool-based discovery
- Data flow mapping
- Data Classification
- Develop initial strategy
What are the "Crown Jewels"? Where are they? How are they used? What is required to protect critical data?

- Establish baseline requirements
- Access current controls to
  - Identify gaps
  - Determine solutions
- Requirements gathering
- Definition of target state
- Gap analysis & risk assessment
- Roadmap & Prioritisation
An InfosecPartners workshop

**DEFINE**

- What are the “Crown Jewels“?

**DISCOVER**

- Where are they?
- How are they used?

**BASELINE**

- What is required to protect critical data?

**SECURE**

- Plan, design & implement.

**MONITOR**

- Operational considerations.

- Plan and prioritise technical and business process transformations.
- Design & implement solutions that protect critical data and aligns/enables business growth objectives.

- Security systems integration
What are the “Crown Jewels”?  Where are they?  How are they used?  What is required to protect critical data?  Plan, design & implement.

Operational considerations.

- Determine metrics and process for monitoring, response and communications.
- Continue to evolve and adapt to changes
- Revalidate and improve program effectiveness
- SOC
- Metrics, processes and procedures
- Governance and communications
In brief

- Infosec Partners is a trusted advisor to significant organisations

- Provider of full-spectrum information security expertise and managed security services:

- Founded in 2004. Headquartered in the UK with a trusted global network
Indemand

By 2018 more than half of organizations will use security services firms that specialize in data protection, security risk management and security infrastructure management to enhance their security postures.

Gartner August 2014
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