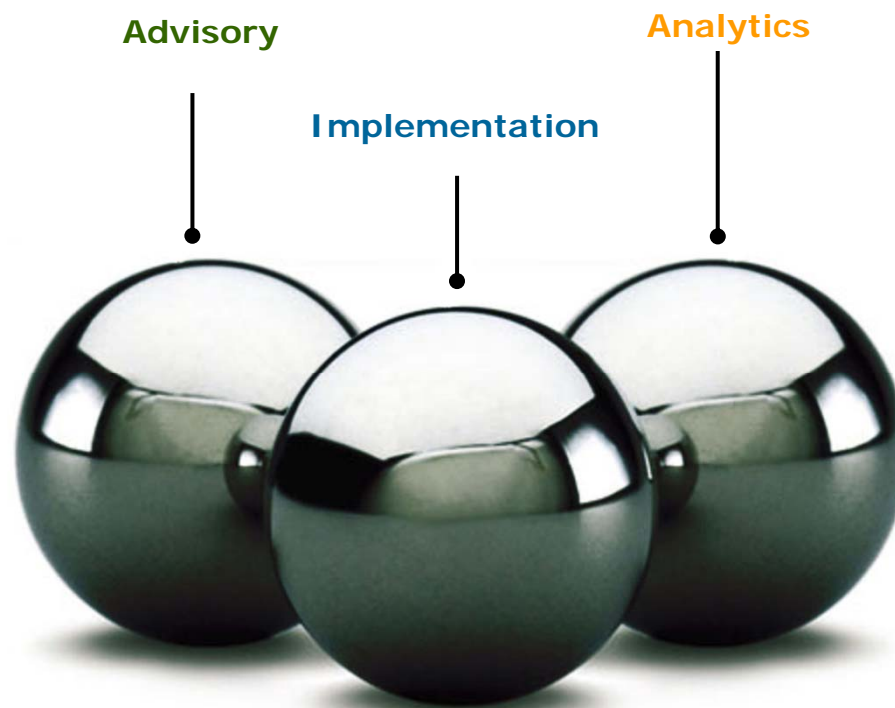


Unlocking the Potential of Integrated GRC – IT Security and Business Risks in a Digital World



HCL Governance Risk & Compliance Practice

<http://www.hclisd.com/Governance-Risk-Compliance-Consulting.aspx>

Agenda

1 Digital Risks & Security Challenges

2 CxO Challenges & Priorities

3 What Research Tell Us ?

4 What do we do about it ?

5 Integrated GRC Program



Current Landscape of Digital Risks

Technological

IT Security = 7 of the Top 10

- 1) User and application access controls
- 2) Documentation
- 3) PC and laptop access controls
- 4) Configuration and change management
- 5) IT security policies and standards
- 6) Auditing and reporting
- 7) Database access controls
- 8) Information access controls
- 9) Email, Web and Internet access controls
- 10) Asset classifications

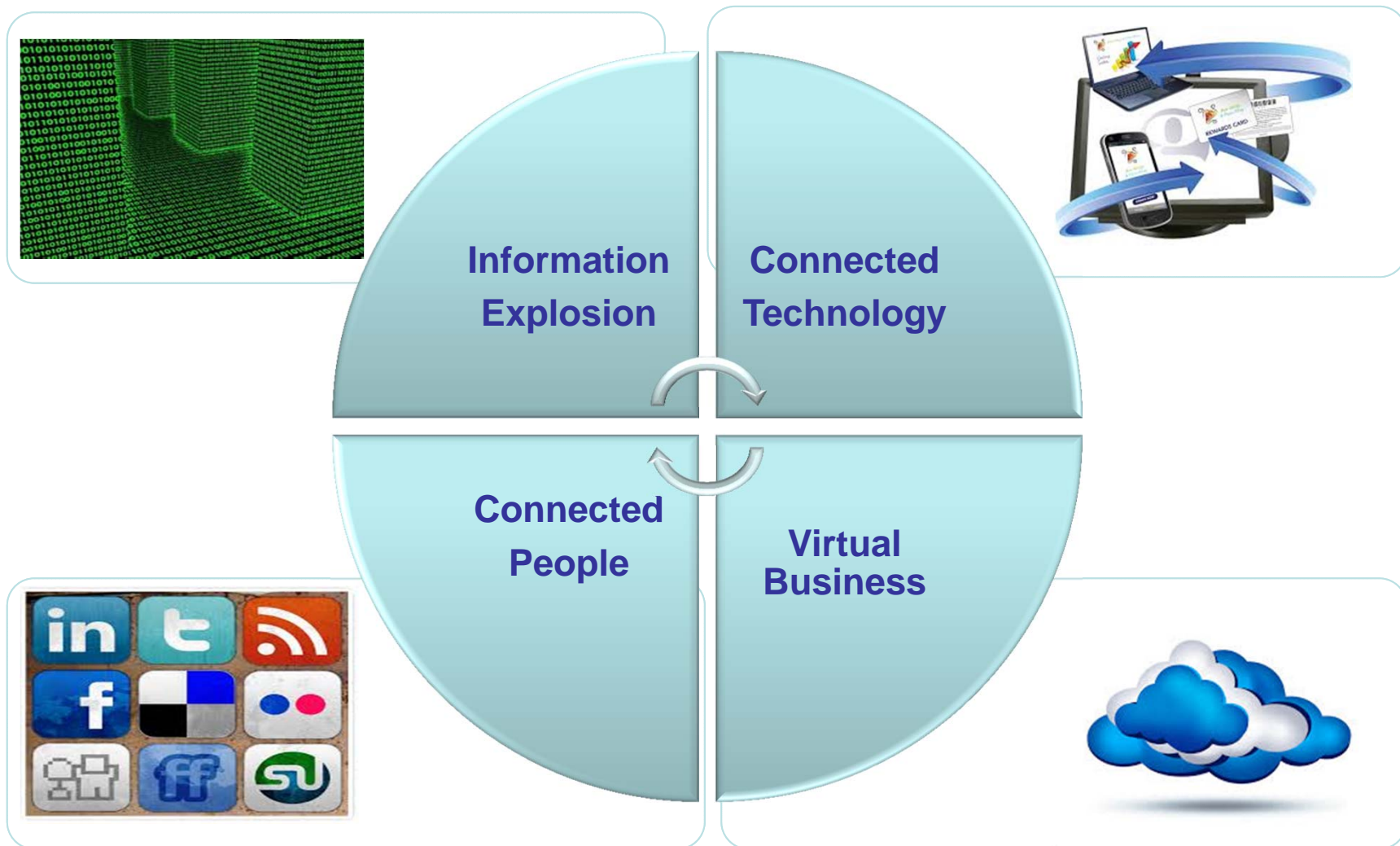
Leading cause of Deficiencies among Norm and Lagging Firms

Rank	Norm and lagging firms	Percentage
1	User and application access controls	63%
2	IT security policies and standards	63%
3	IT configuration change management	60%
4	IT auditing and reporting	54%
5	Application development and maintenance	50%

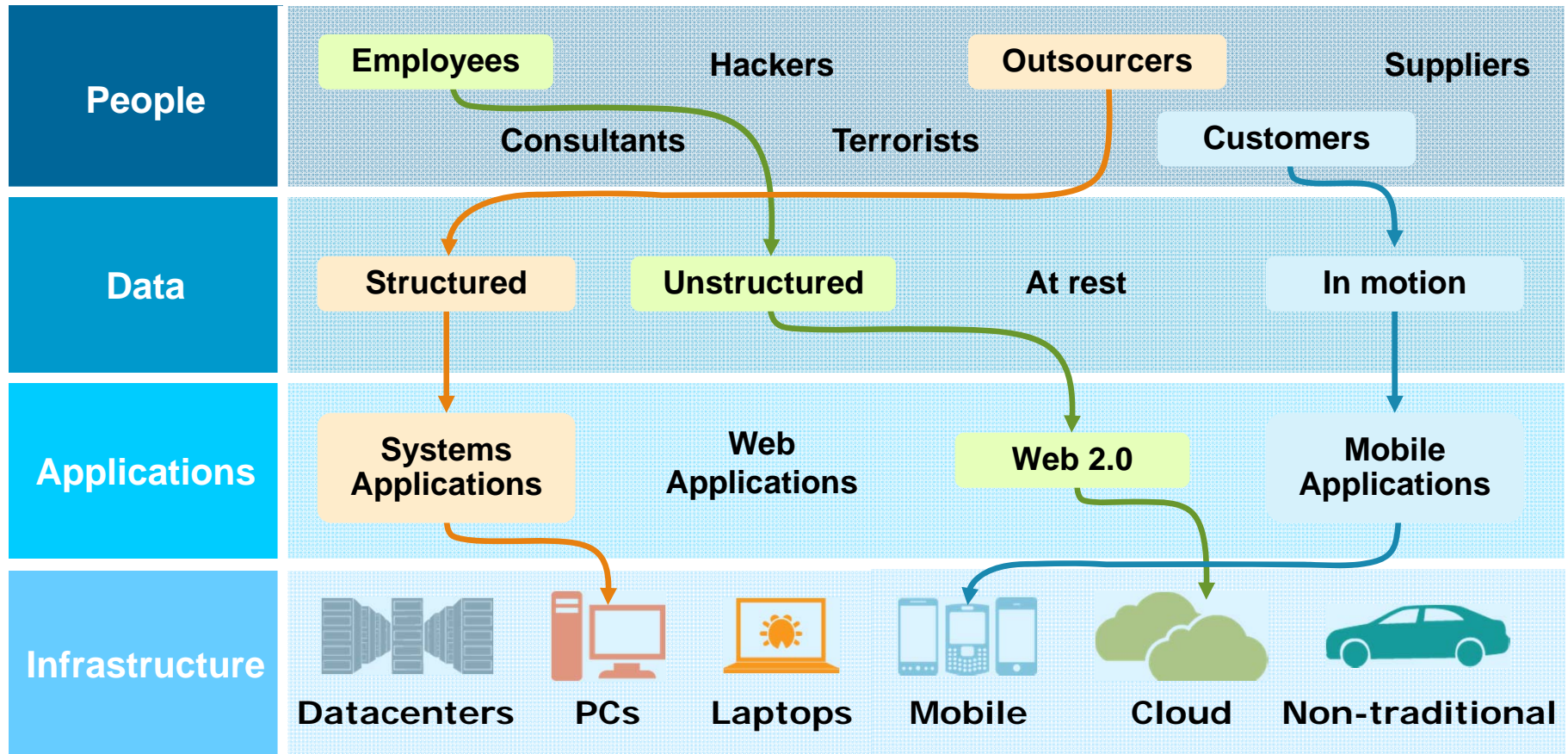
Source: World Economic Forum

Source: IT PCG

Future trends for digital risks



Security Challenges are Complex



C-Suite Priorities are feeling the impact

CEO

Priority

Risks

Impact

CFO
COO
CCO

Priority

Risks

Impact

CIO

Priority

Risks

Impact

C-Suite Priorities are feeling the impact....Cont'd

	Priority	Risks	Impact
CHRO			

	Priority	Risks	Impact
CMO			

What do we do about it ? – Ask 5 Simple questions

1. What **data** is being collected, transacted on, transmitted, or stored, and for what purpose?
2. How are **authentication** and **authorization** being accomplished?
3. What are the **communications channels** between each component of the system and do they cross any network boundaries?
4. Does the solution involve: an Application Service Provider, data in the Cloud, an externally facing service?
5. Are there any **regulatory laws, statutes, and/or compliance** that must be met?

What do we do about it? – Establishing Integrated Framework

Identify the Data Sensors



Integrate the Data Sensors

#	IP Name	Owner	Address	Description	Category	Compliance
1	Source A	Admin	192.168.1.1	Source A	Internal	OK
2	Source B	Admin	192.168.1.2	Source B	Internal	OK
3	Source C	Admin	192.168.1.3	Source C	Internal	OK
4	Source D	Admin	192.168.1.4	Source D	Internal	OK
5	Source E	Admin	192.168.1.5	Source E	Internal	OK
6	Source F	Admin	192.168.1.6	Source F	Internal	OK
7	Source G	Admin	192.168.1.7	Source G	Internal	OK
8	Source H	Admin	192.168.1.8	Source H	Internal	OK
9	Source I	Admin	192.168.1.9	Source I	Internal	OK
10	Source J	Admin	192.168.1.10	Source J	Internal	OK



Source Scorecard

Monitor the Data Sensors



Determine Data Sources

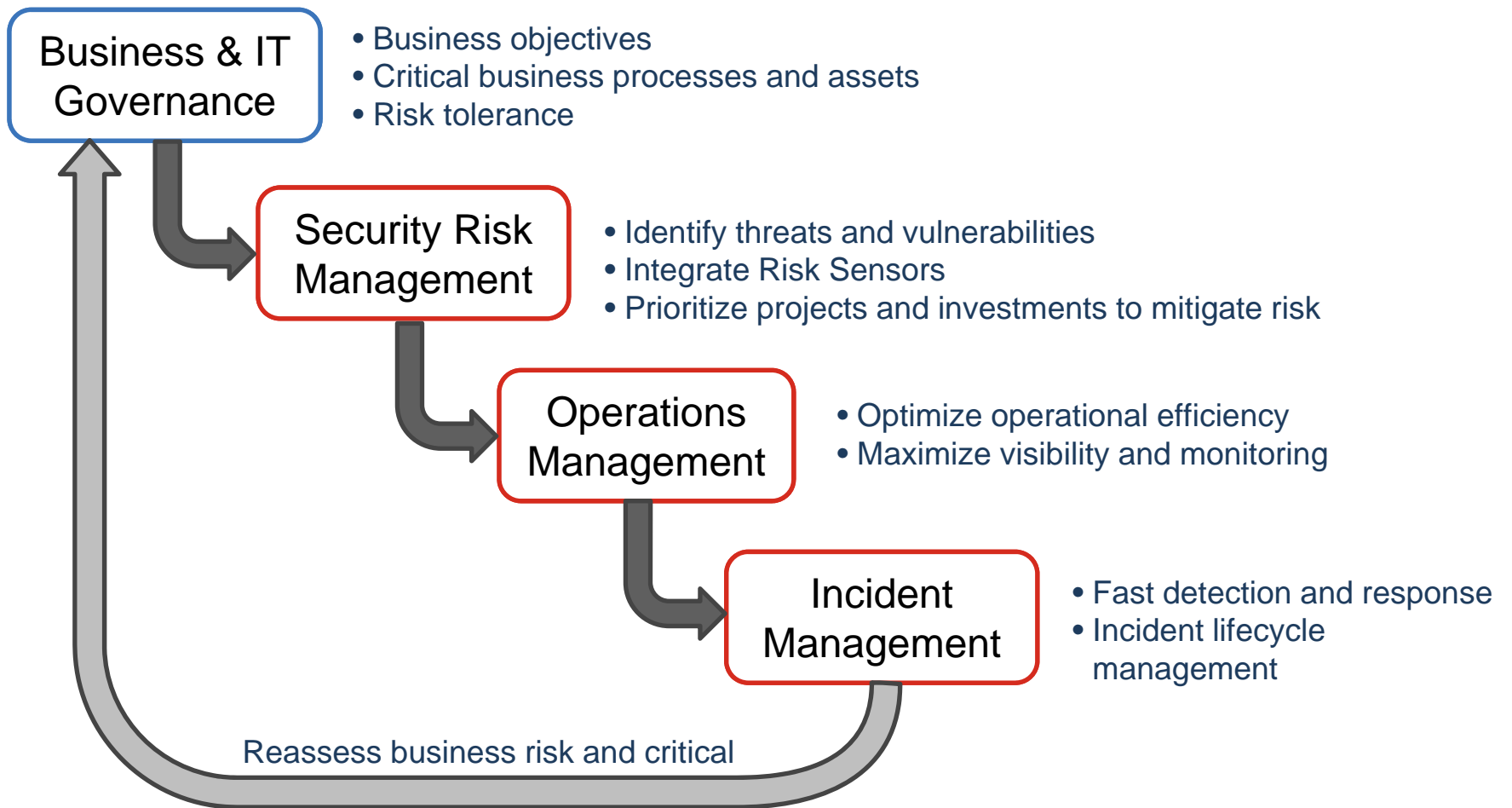
Document Data Transformation (Source to Target)

- ✓ Configure
- ✓ Map
- ✓ Test
- ✓ Load

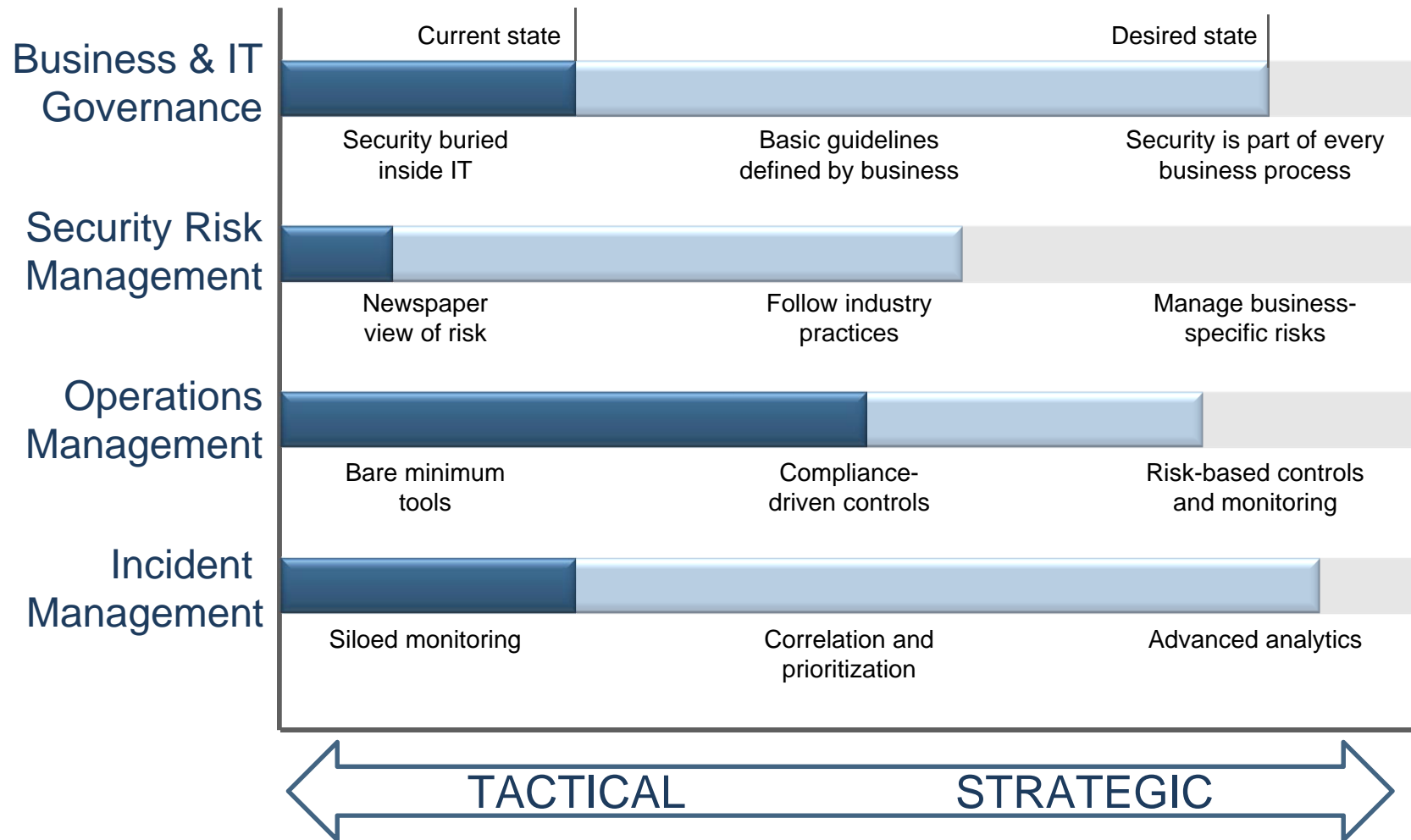
Monitor & Report the Integrated Output

KNOW YOUR DATA SENSORS

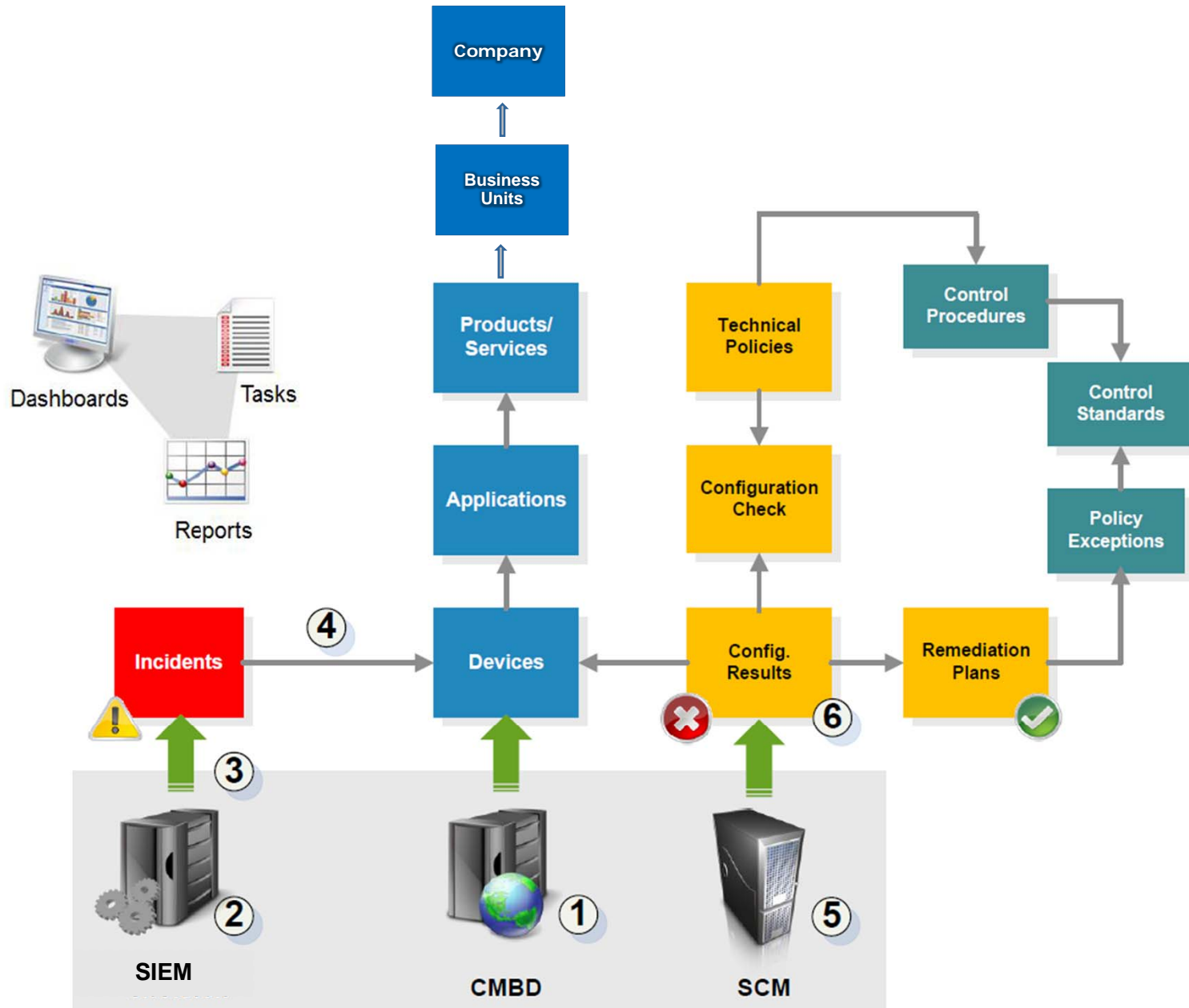
What do we do about it....Cont'd



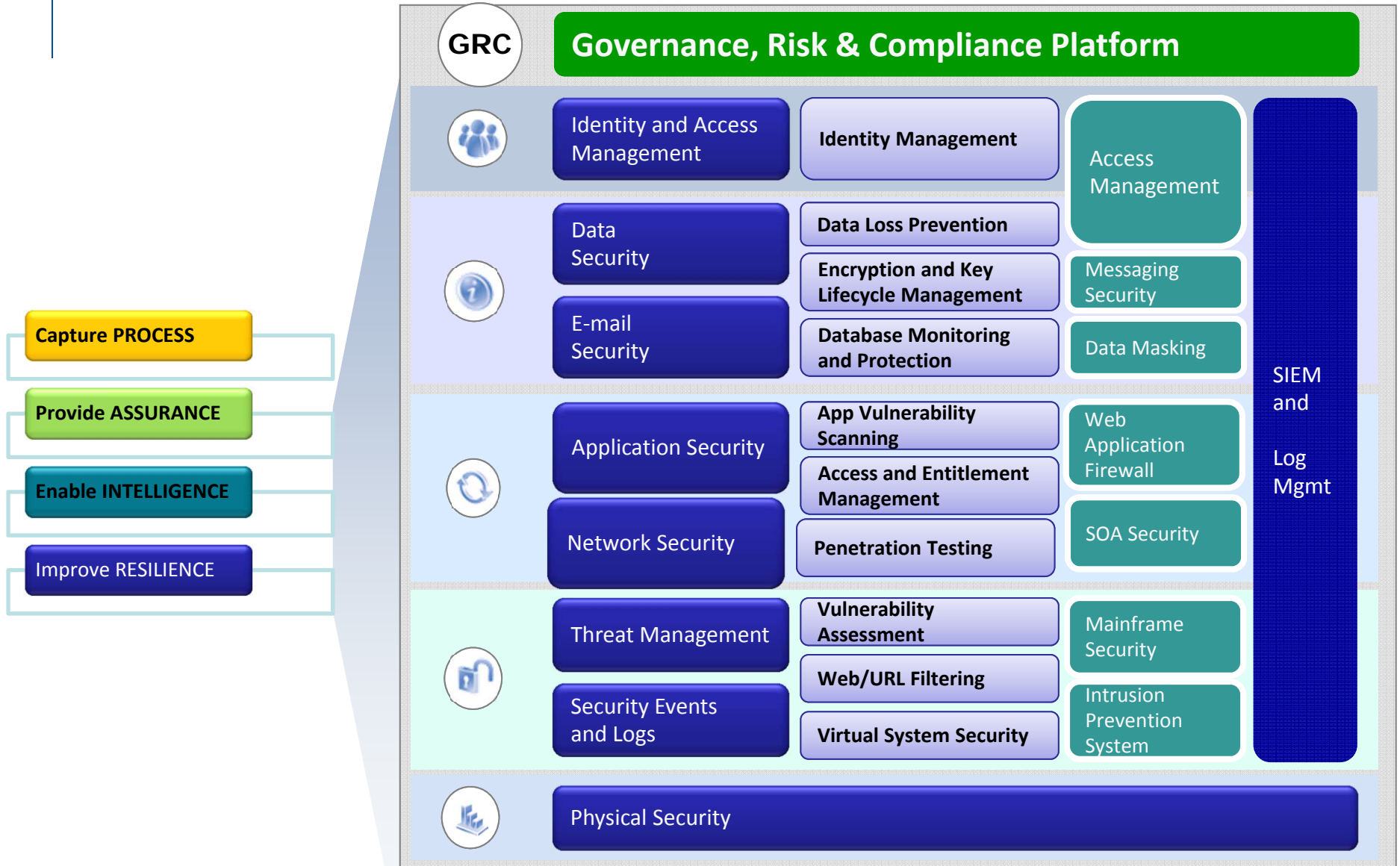
How do get there

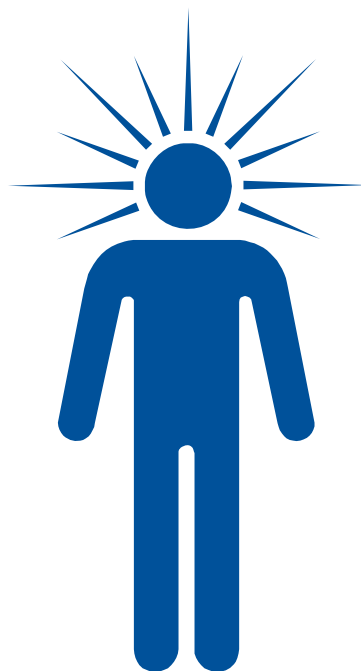


Integrated GRC Workflow – IT Security



Integrated GRC Reporting Theme





Thank You

To see how HCL GRC – Information Security Services can benefit your organization and to have our representative contact you, please write to CFS-GRC-PMG@hcl.com

Or visit:

<http://www.hclisd.com/Governance-Risk-Compliance-Consulting.aspx>