

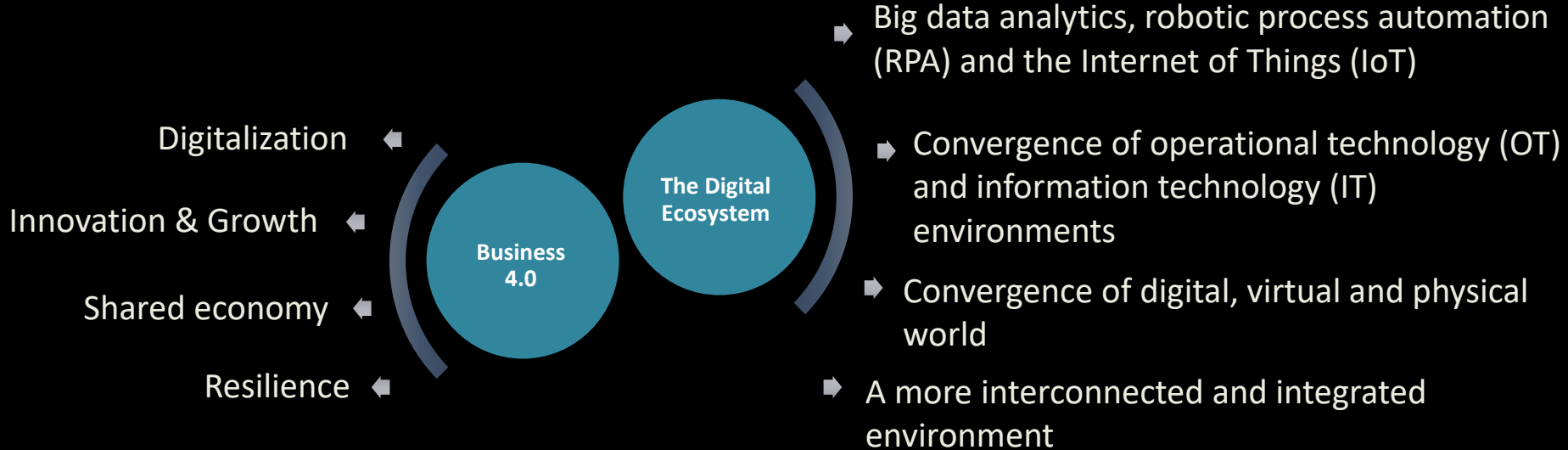


Information Resilience in the era of Business 4.0

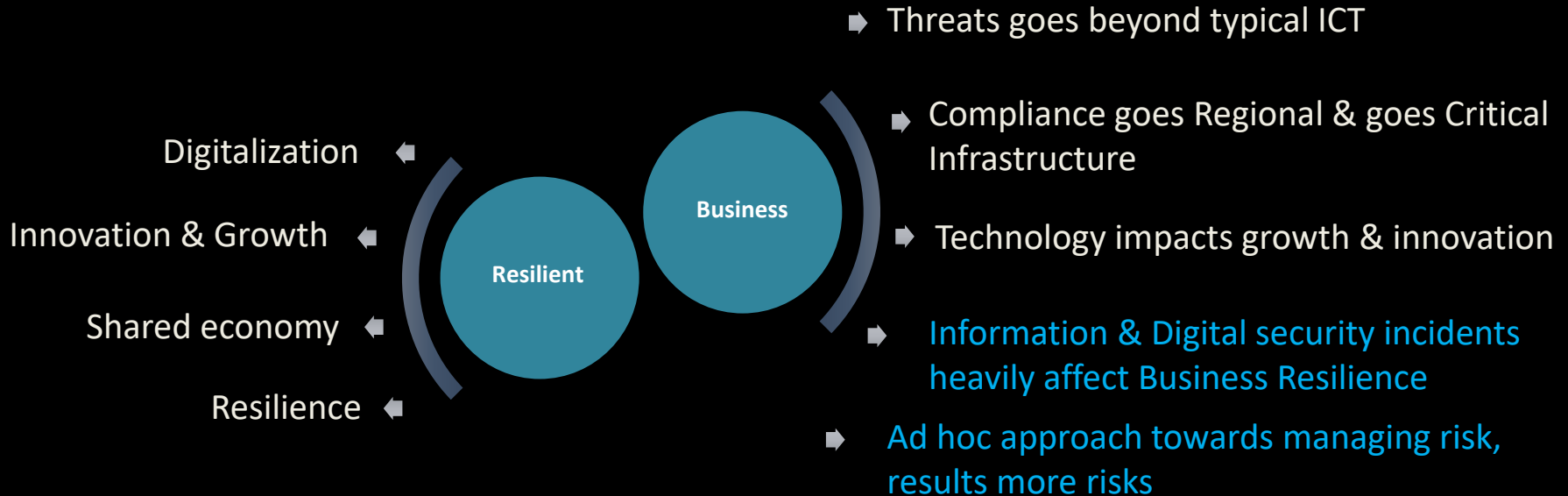
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Director GRC & Assurance Services

The evolving business & technology ecosystem



The evolving business & technology ecosystem



The information & digital security requirements

Digital gets personal



CEOs take personal ownership of driving digital transformation and trust

- **Owning transformation**
71 percent are personally ready to lead a radical organizational transformation
- **CEO as data protector**
59 percent see protecting customer data as a critical personal responsibility
- **Robots manufacture jobs**
62 percent expect artificial intelligence (AI) to create more jobs than it destroys

Instinct over data



CEOs say agility and intuition are key to turning digital disruption into opportunity

- **59 percent** believe agility is the new currency of business
- **67 percent** have put their own intuition over data-driven insights in the past 3 years

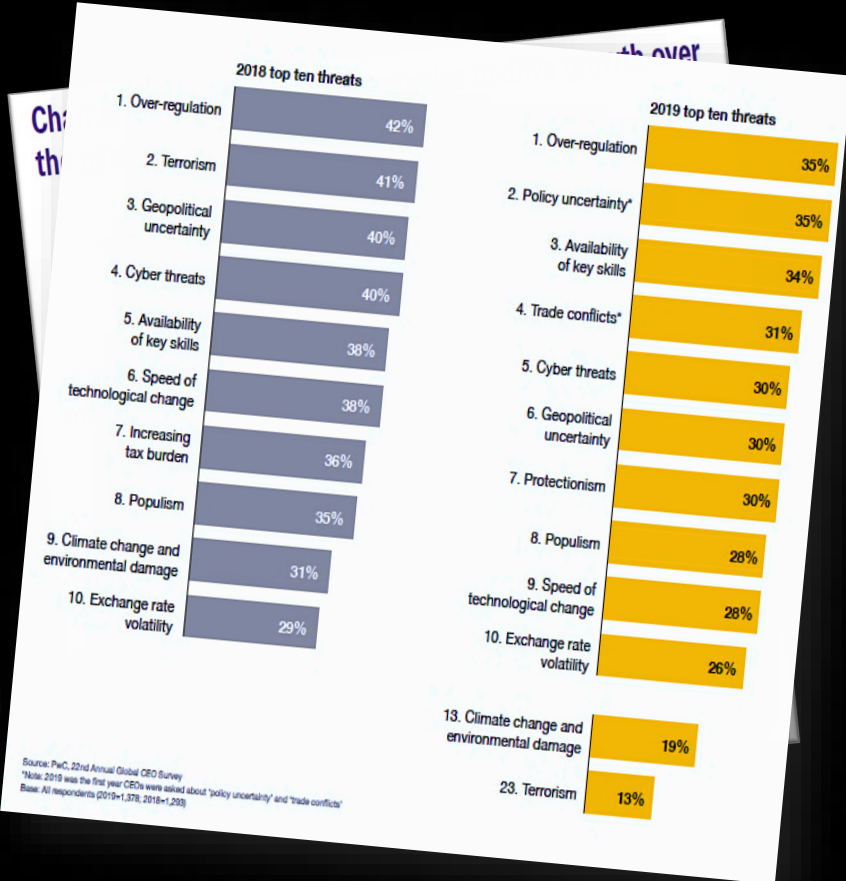
Growth headwinds



The strategic issues CEOs face in the pursuit of growth

- **Cyber certainty**
49 percent say that becoming the victim of a cyber attack is a case of 'when', not 'if'
- **Generational shifts**
Over a third (**38 percent**) say they need to reposition their business to meet the needs of Millennials
- **Geopolitics hits the boardroom**
'A return to territorialism' is the **number one** threat to growth

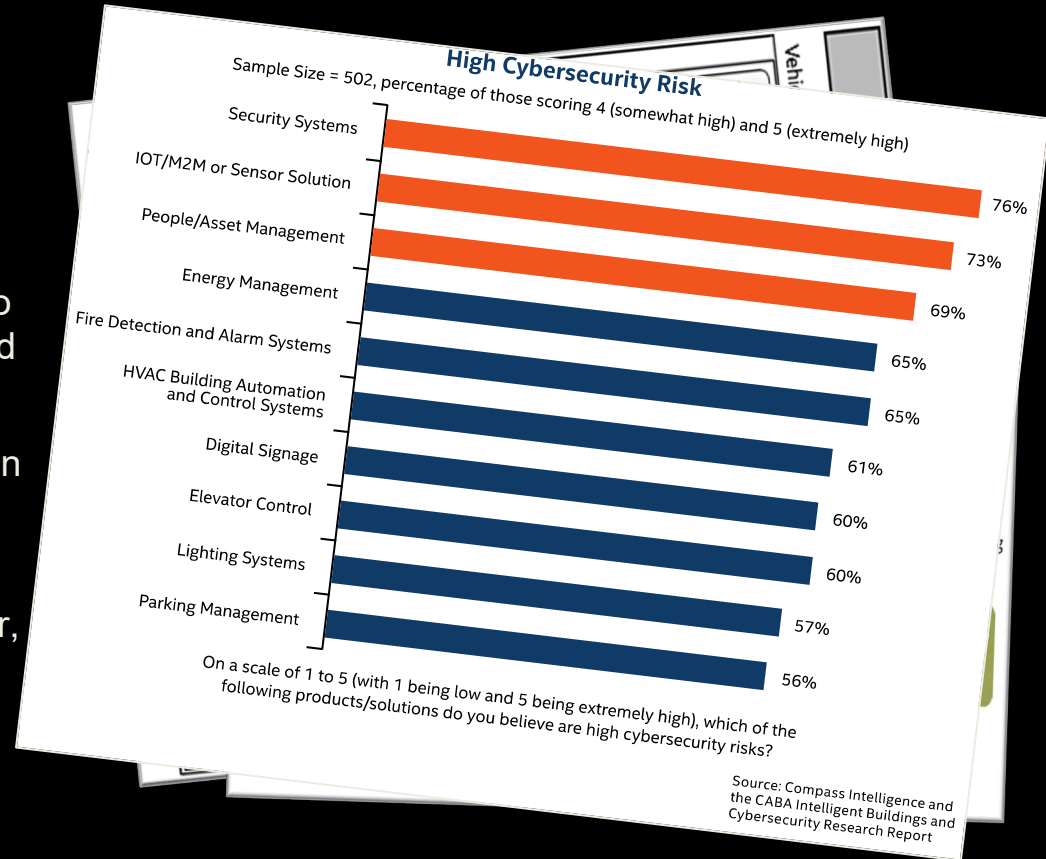
2018 Global CEO Outlook - KPMG



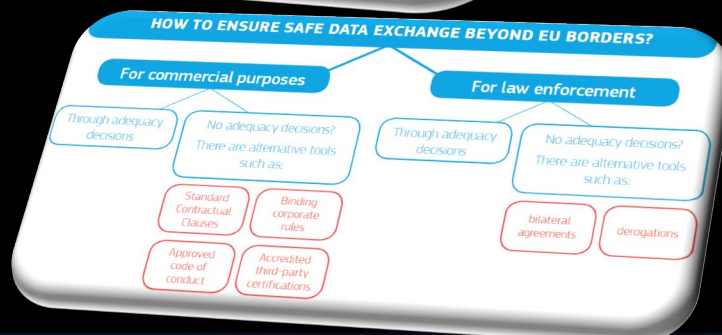
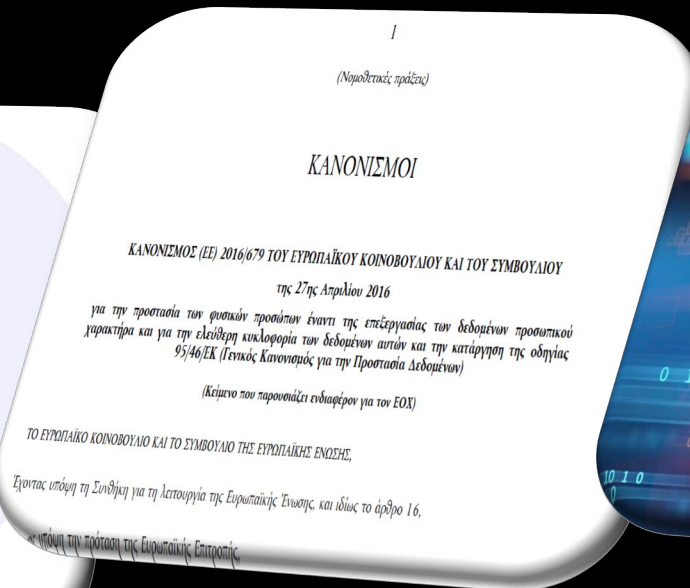
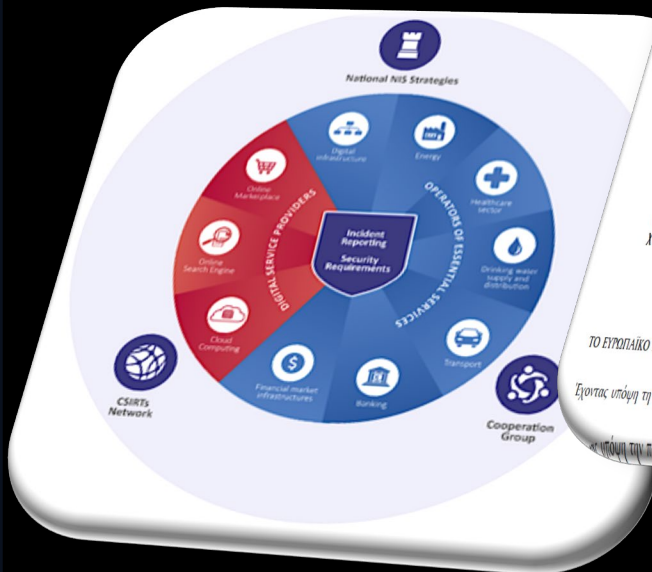
The information & digital security requirements

The Hybrid Digital/Physical Threat

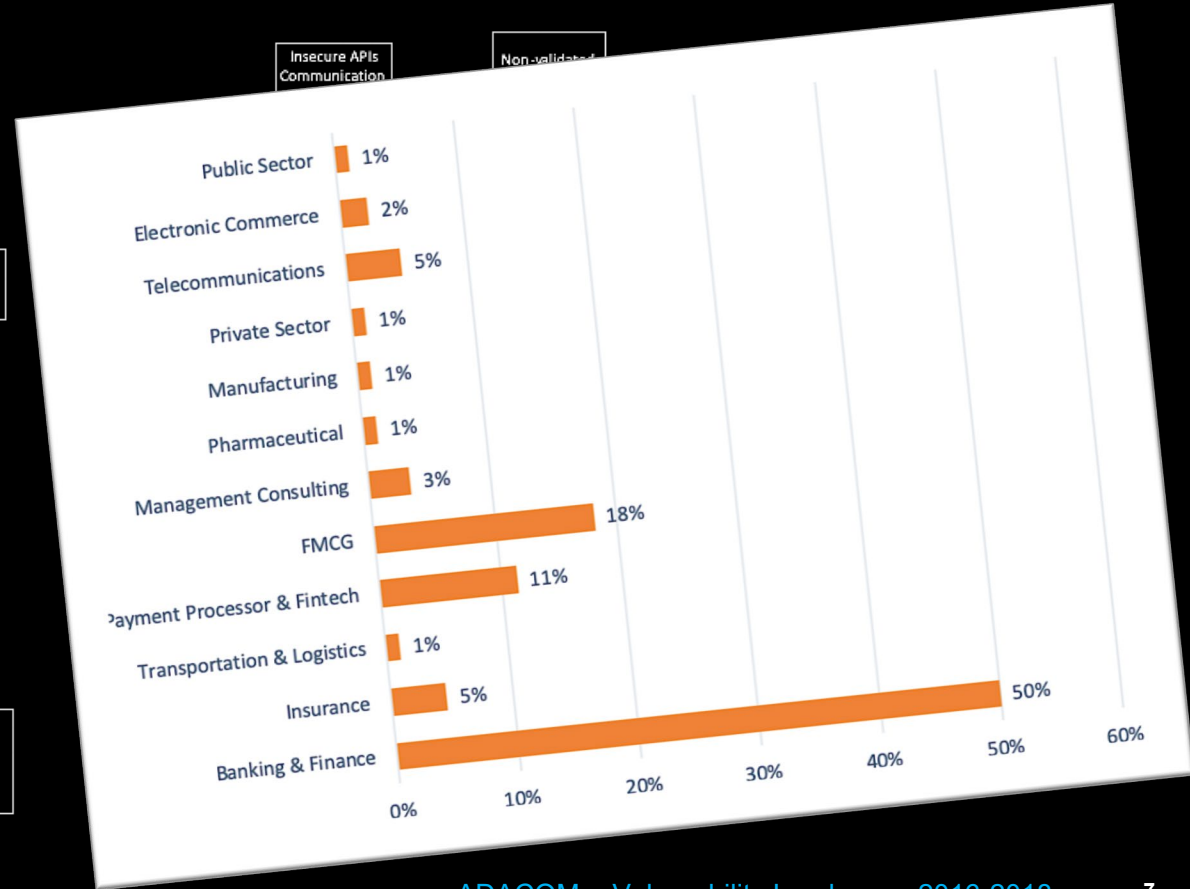
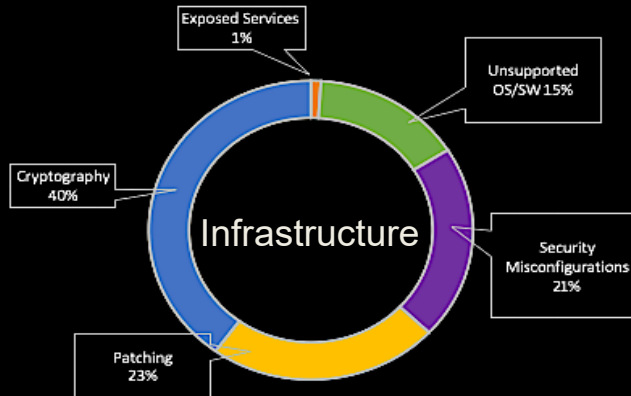
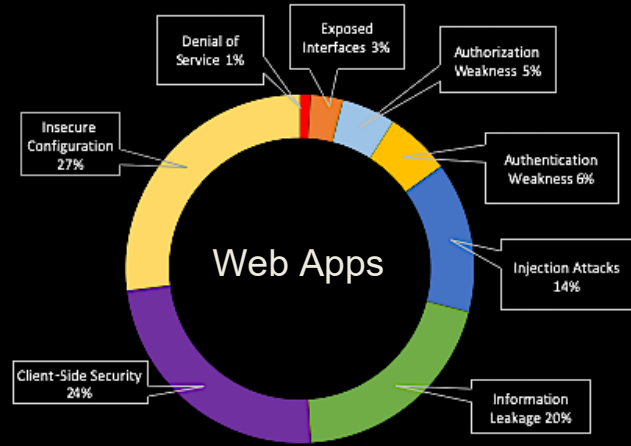
- **Neutralizing alerts** - blocking or saturating alarms from the smart fence
- **Creating false perceptions** - freezing video of digital (IP) cameras or streaming recorded footage to the guard's monitor
- **Creating fake identities** - remote production of an access card
- **Hacking onsite operational systems** - creating a direct outage or damage to power, elevators, fire alarms, and even damage production systems



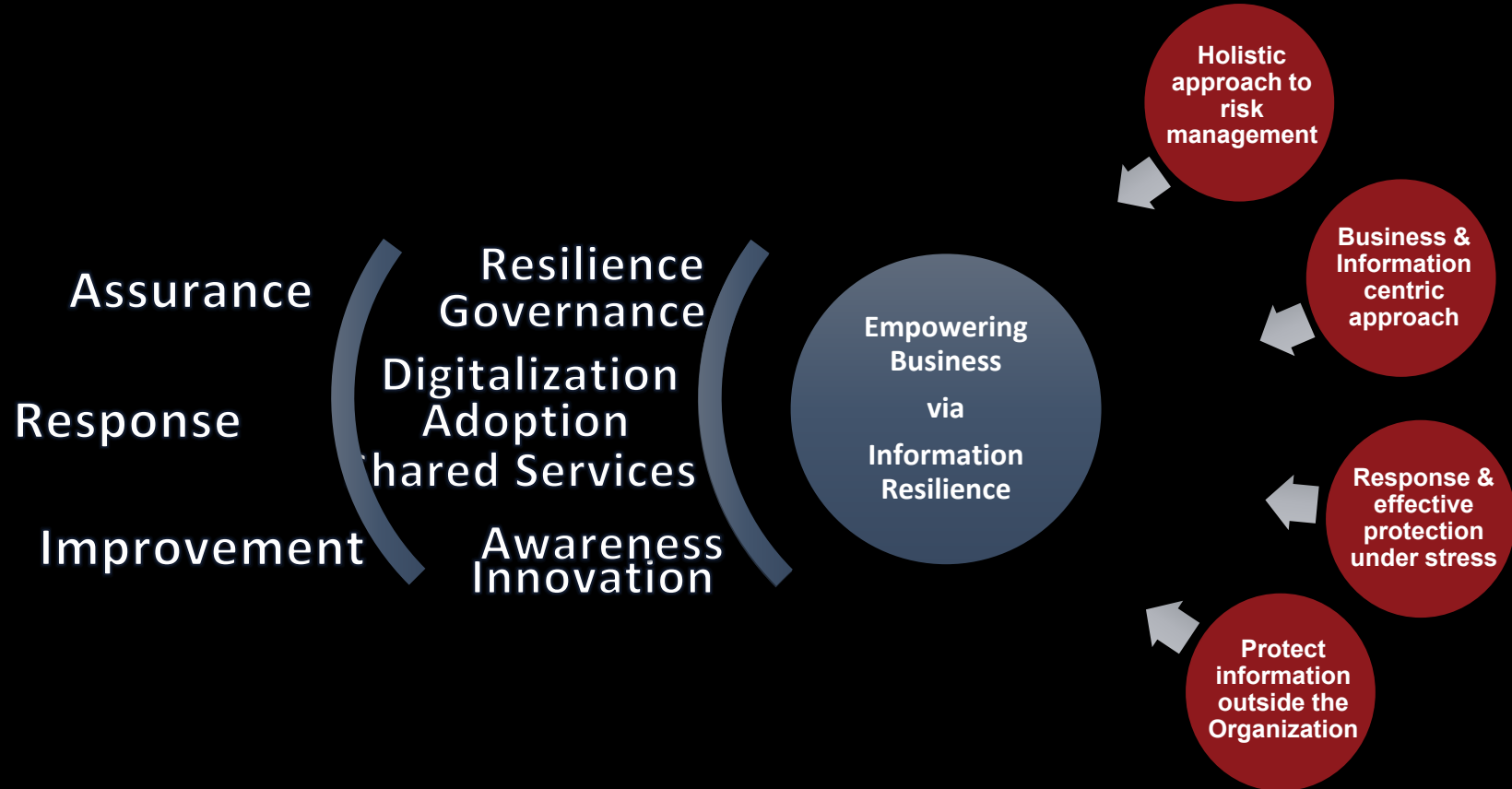
The information & digital security requirements



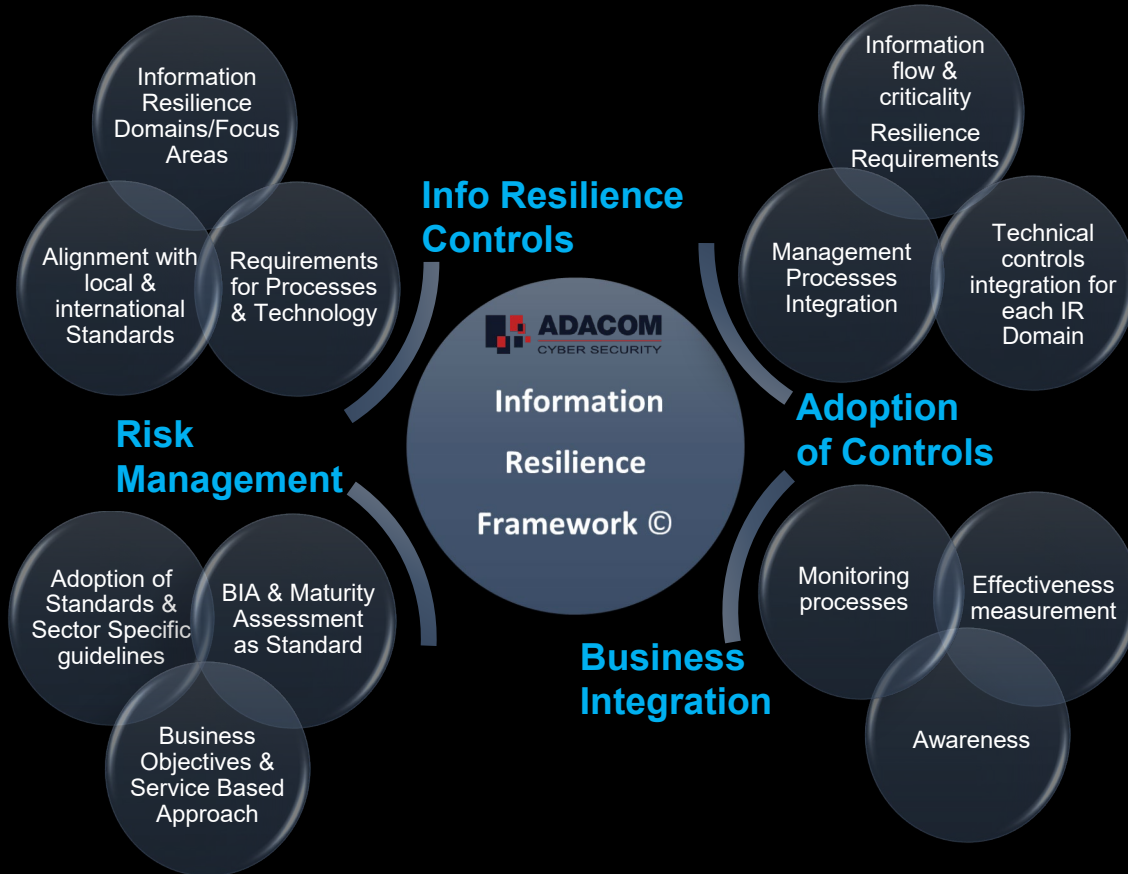
The information & digital security requirements



Empowering Business through Information Resilience

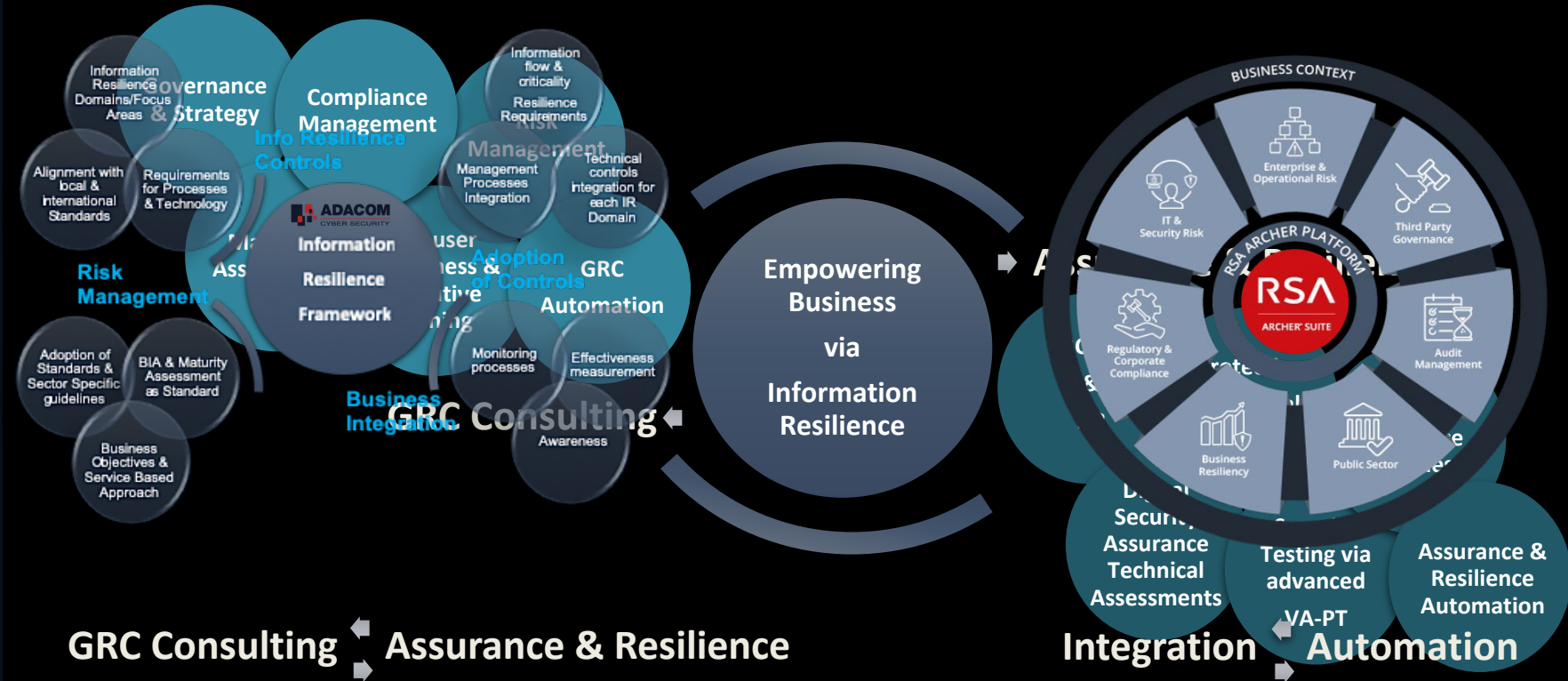


Information Resilience Framework

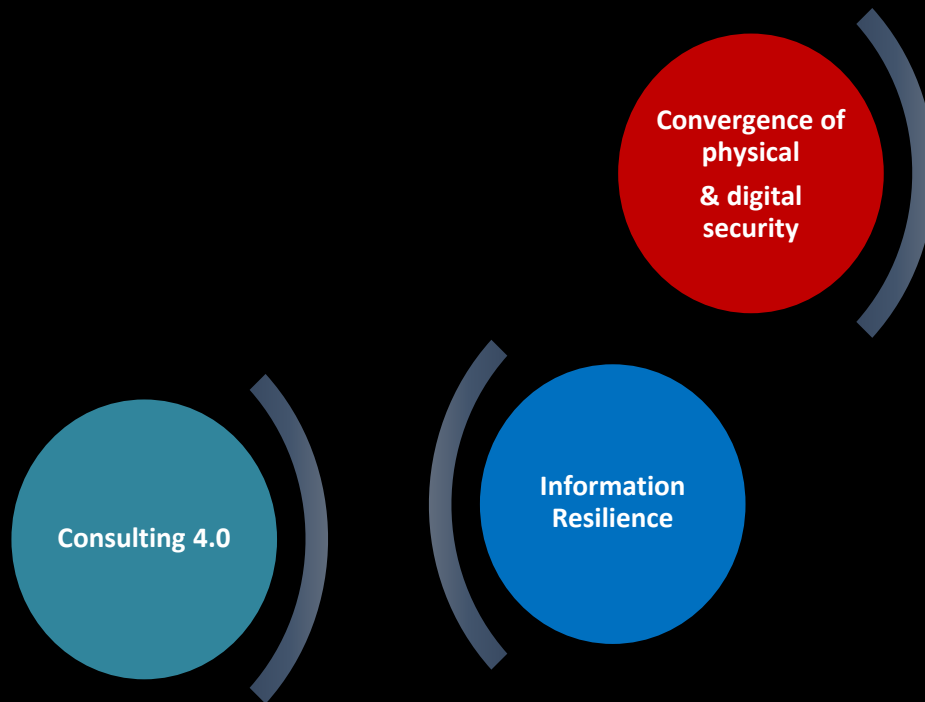


- ➔ **Adoption & Applicability to different Business & Tech ecosystems**
- ➔ **Technology Mapping**
- ➔ **Integration with other Management Systems & Frameworks**
- ➔ **Analysis of the evolving threat patterns & threat sources**
- ➔ **Standards – Regulations – Best Practices Mapping**
- ➔ **Methods for continues Assurance & Resilience**

Effective implementation



Next is now



to be continued ...



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