



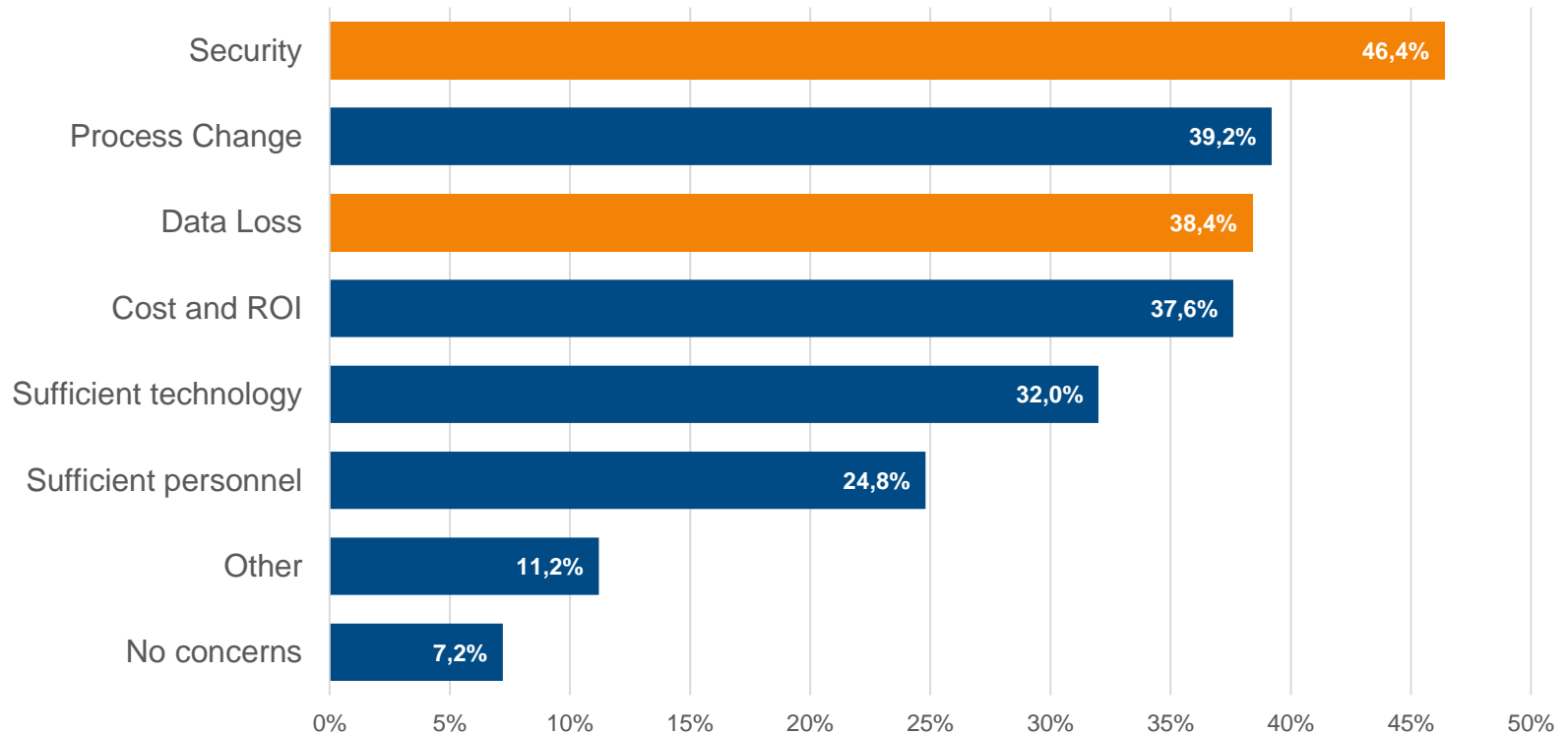
Around and About Document Security

eIDAS and Beyond



Concerns Today

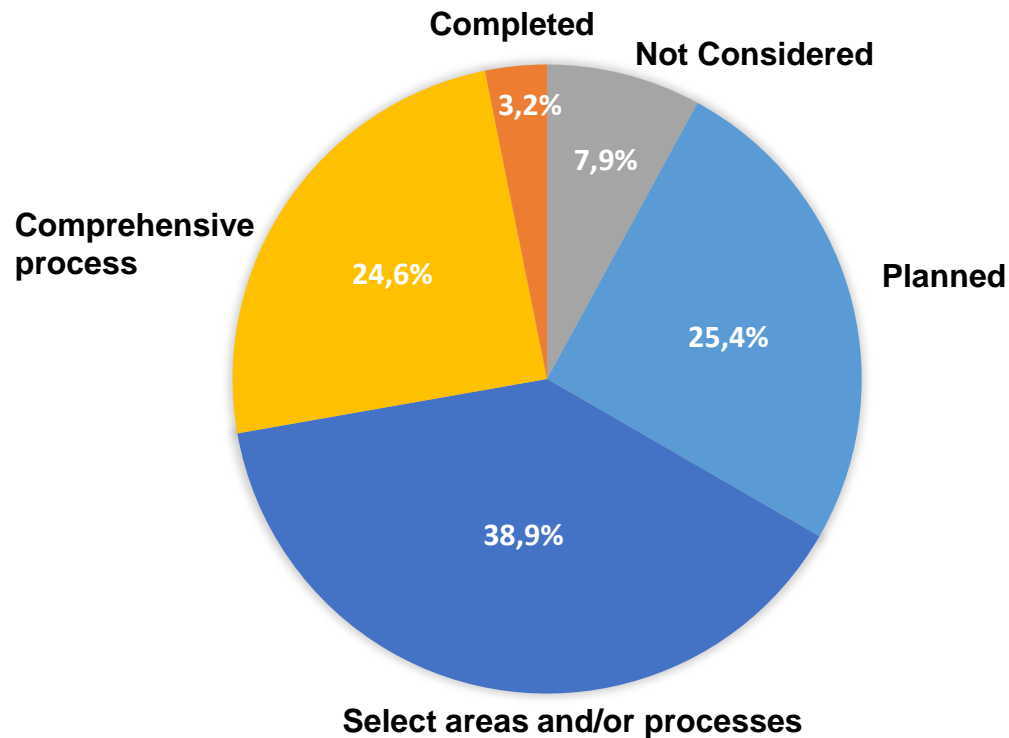
What are your main process concerns regarding the complete digitization of your organization?



Source: IDC Digital Office Conference, CEMA, 2016, N=125

Business Plans Today

How would you describe your organization's current situation in terms of document digitization?



Source: IDC Digital Office Conference, CEMA, 2016, N=126

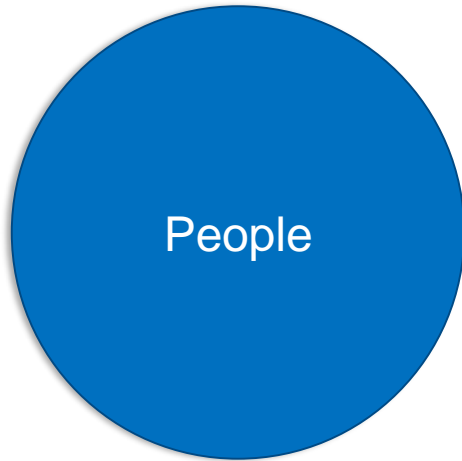
What do you need to consider?

- Business process vs. technology requirements
- Operational impact vs. business/legal impact
- Place, type, level of security controls
- Technology and other dependencies

Example: Document Classification

- Keep it simple and understandable
 - Example: “binary” document classification system
- Process is primary, technology is secondary
 - Choose the technology and security solutions that fits your process, try to future proof
- Plan for the future
 - make it human **and** machine readable

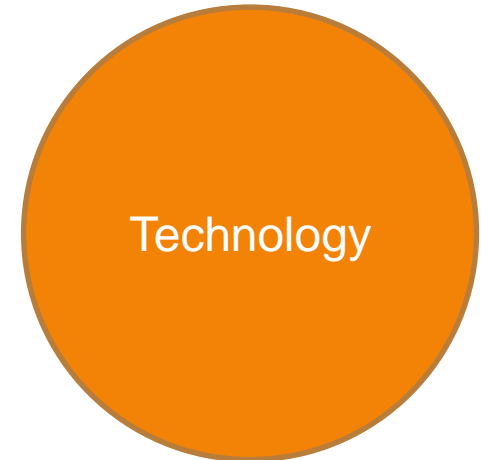
Dealing with Operational Impact



Ensure people understand the implications and trained in process and technology



Ensure process contains procedural controls and ensures desired outcome



Ensure technology supports the process and fulfills business requirements

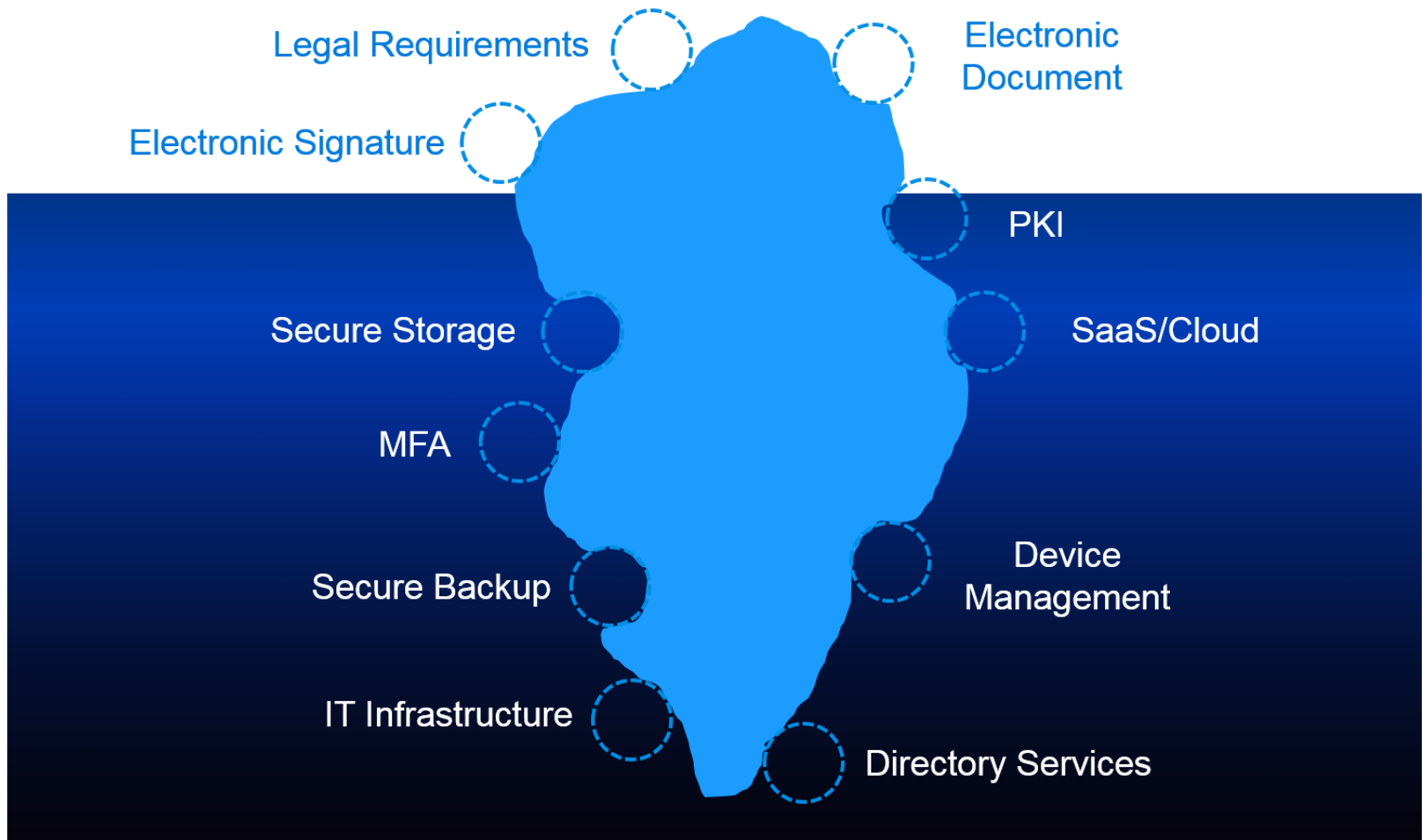
Security Controls

- Identity
 - Password/PIN, multiple factor authentication, etc.
- Integrity
 - Tamper Resistance, Chain of Custody, etc.
- Protection against human error
 - Content validation, “haste-controls”
- Non-repudiation
 - Electronic Signature, Electronic Seal

Threat Types

Technological	Non-Technological
<p>Attack</p> <ul style="list-style-type: none">- Intentional attempt to compromise system or platform used for electronic document process- Intentional attempt to compromise an electronic document itself or its parts	<p>Dispute/Legal Challenge</p> <ul style="list-style-type: none">- Dispute regarding the content of the document- Dispute regarding authenticity of the document
<p>Mistake</p> <ul style="list-style-type: none">- User failure to utilize the system and or process in an intended way	<p>Regulatory Change</p> <ul style="list-style-type: none">- Change in regulatory requirements

Situational Awareness





Alex Proskura
aproskura@IDC.com

