Staying Ahead of Risk

ID4AFRICA2019

June 2019

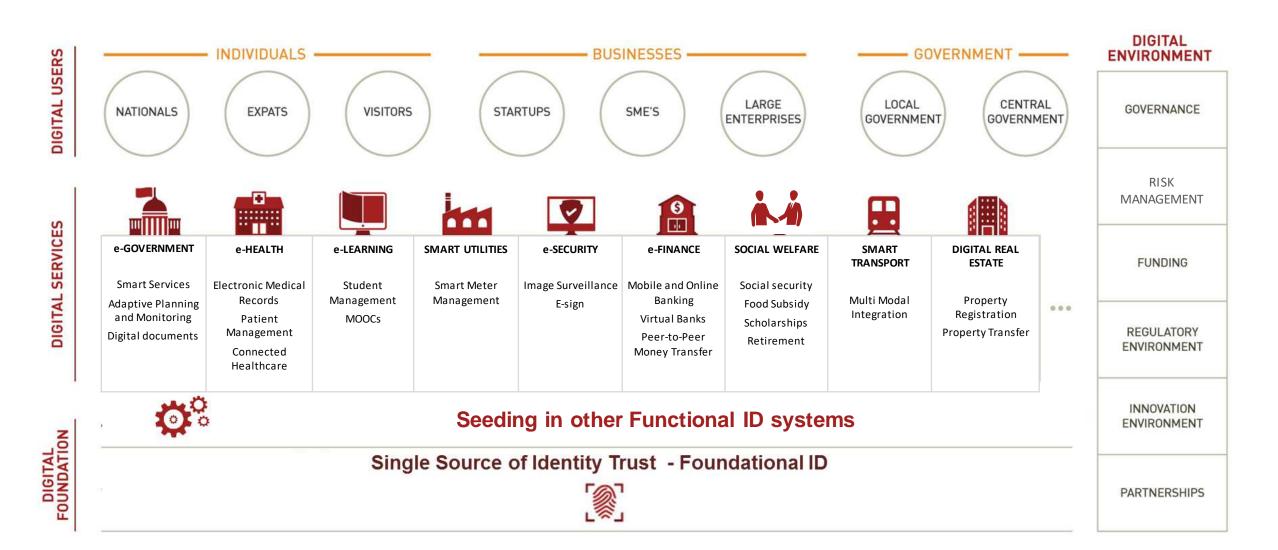


Presented by:
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PwC India



Technology is helping solve some of the largest societal problems at scale for the people..

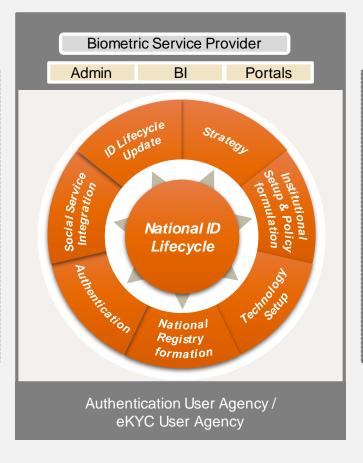
...and Identity is the foundation for the "Digital Nation" construct ..



... and this Identity Ecosystem needs to be reliable and resilient..

Identity Ecosystem

Enrolment
Registrars
Enrolment
Agencies
Banks
Testing &
Certification



CRM Support

Letter Printing

System
Integrator

Research & Innovation

Others

Critical challenges in implementation of National IDs

- Gaps in Legal and institutional environment such as absence of personal data protection
- 2 Privacy of Personal Sensitive Information and Security related risks
- Complicated Enrolment process and the cost associated with getting one enrolled in the National ID program
- 4 Scarcity of Infrastructure and associated challenges
- 5 Sustainability of the Program

To make it reliable and resilient, managing risk becomes paramount..



Vulnerability in ID cards due to security flaw

case!



National ID program discontinued due to privacy concerns

Personal Information stolen from National ID Database





PwC

#ESSAR #Jet Airways #SEBI #RBI #NCLT #IBC #NSE

Jamaican Supreme Court Strikes Down National

Chandrachud's Dissent Judgement in Aadhaar

Identification Act. Praises Justice DY

To make it reliable and resilient, managing risk becomes paramount..



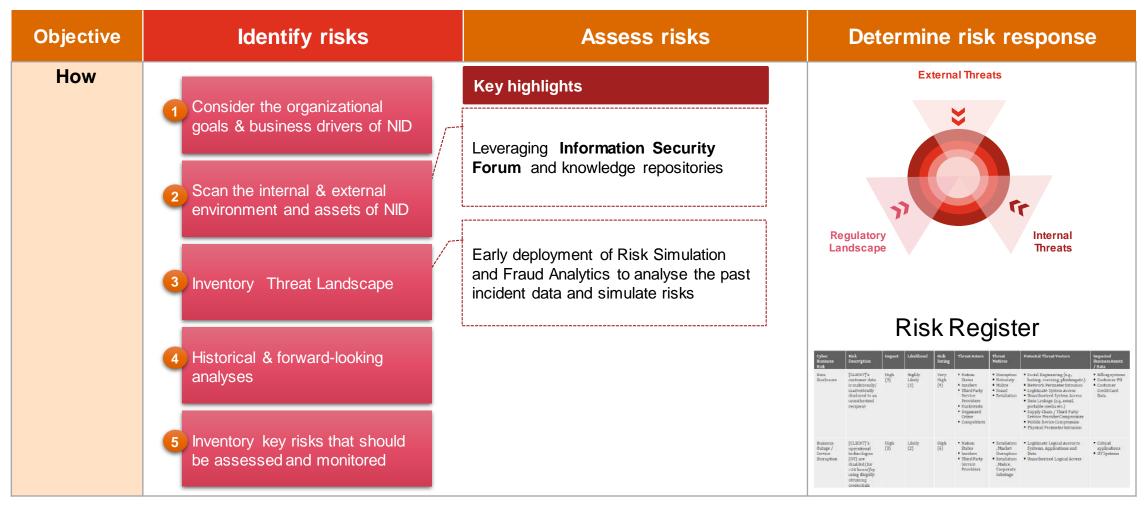
Risk Management -Identify Risks



1

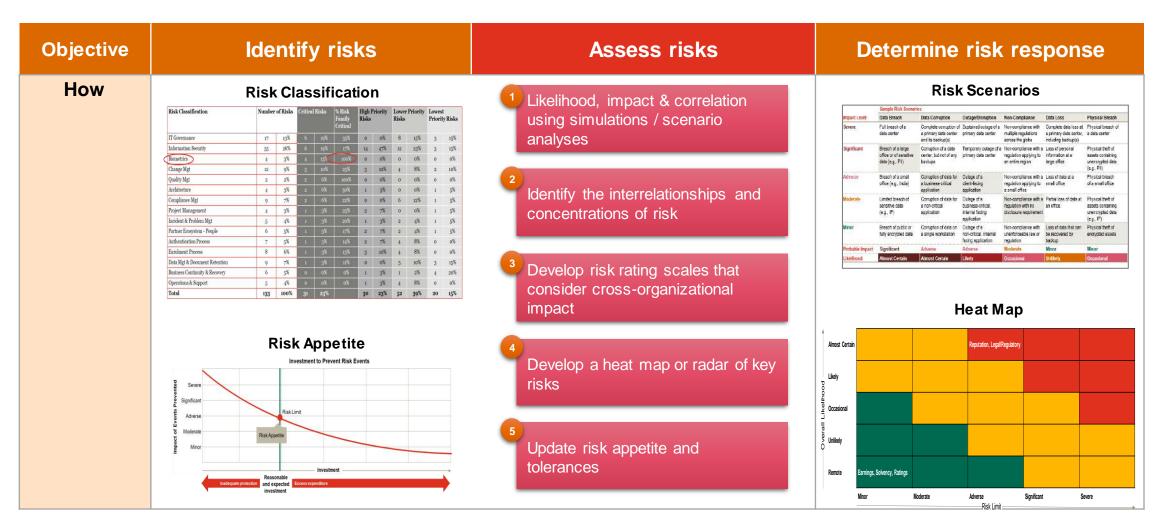


Risk



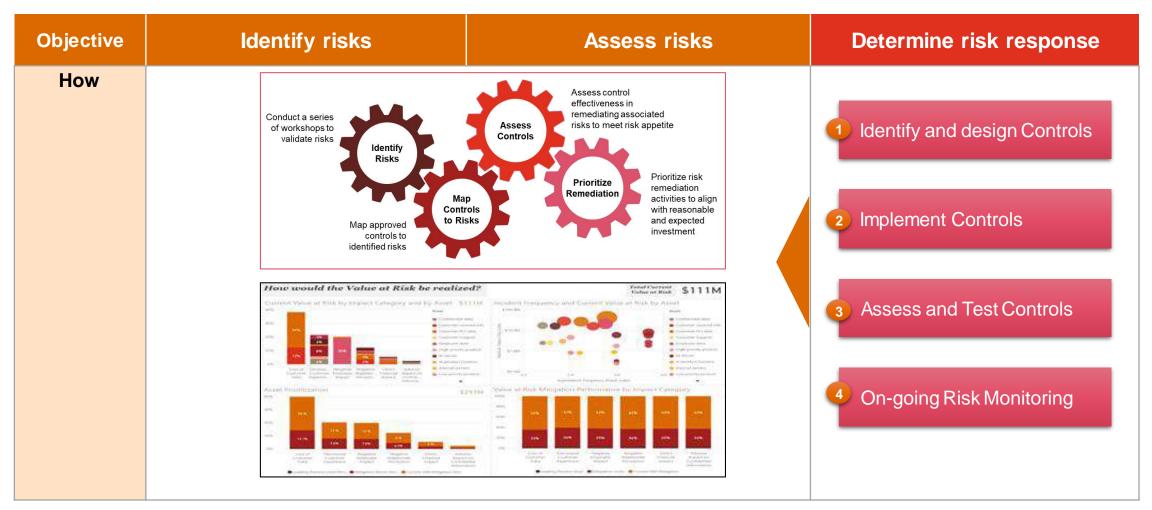
Risk Management - Assess Risks





Risk Management - Determine Risk Response





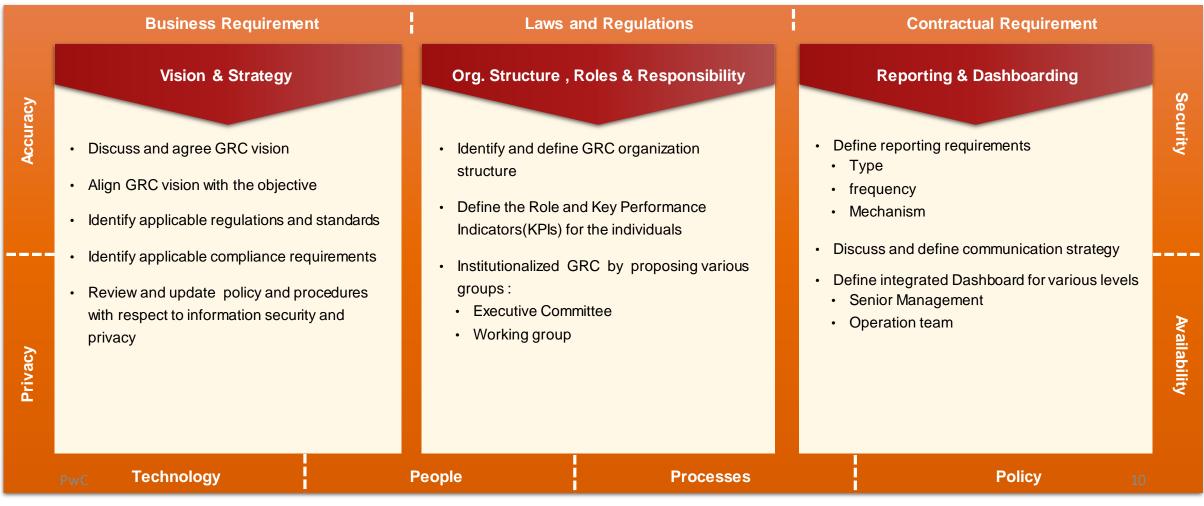
In order to effectively mitigate and respond to the Risks it is essential to have a robust Governance in place...



2



Governance



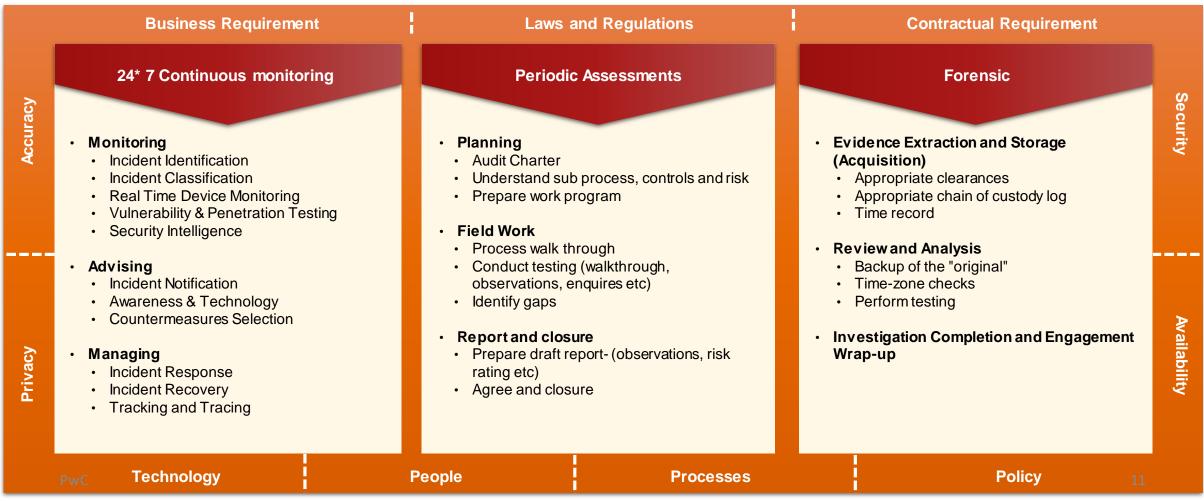
..and regular Compliance checks through continuous monitoring and periodic assessment

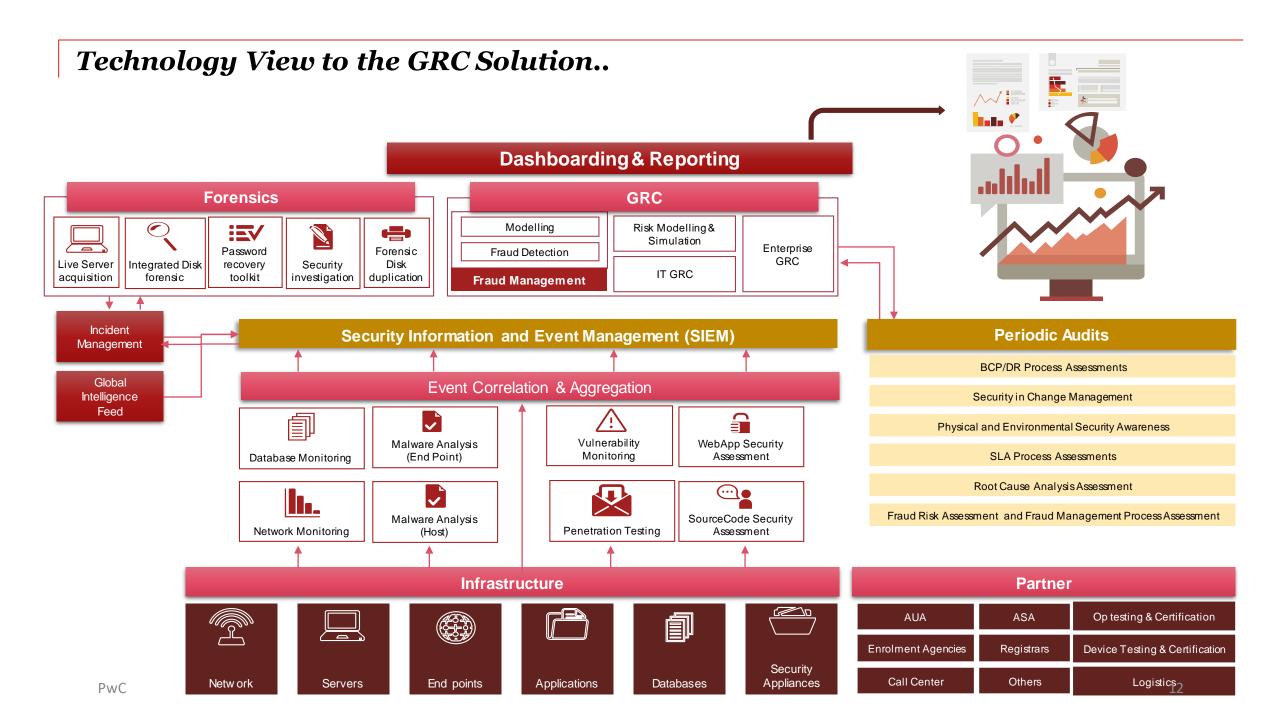






Compliance





"It is not the strongest of the species that survives, nor the most intelligent, but the most responsive to change."

-Charles Darwin

Thank You



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Benefits of GRC Program

Key risks

- Insiders and ecosystem partner's threats
- Intrinsic vulnerabilities associated with technology such as zero day attacks
- Process vulnerable to fraud
- Changing risk landscape
- Targeted attacks on ID entity
- SLA breaches

Benefits

Management of existing and emerging risks

Early identification of threats for prosecution

Governance

- Actionable, real time reporting to ID Entity
- Ensure closed looping

Compliance

- Processes aligned to risks
- Consistent compliance across entire ecosystem

Risk culture

- Risk ownership and accountability
- Culture of ethics and compliance

Performance

- Timely prioritized reporting
- Support RCA for breaches