



Cyber security

Securing digital enterprise

A shift from 'Telecommunication' to 'Digital Communication'



Digitalisation has transformed the world of telecommunication. With the emergence of new technologies like Cloud Infrastructure, Internet of Things (IOT), Artificial Intelligence (AI), Digital Analytics and Block Chain, it is imperative for digital communication service providers to assimilate these technologies across their value chain.



Aided by technology, **convergence** across sectors is changing markets and business models rapidly



Sectors are now characterised by strong **Mergers & Acquisitions and divesture activity**, driven by competition, global expansion and evolving global regulations



Companies are forming **alliances** to create and capture new value to maximise success with complex, open and multi-player ecosystem opportunities



Innovation in products and services with the emergence of plug-n-play services like open APIs have led to cross-sector disruption



Digital transformation is disrupting business models, resulting in substantial investments by businesses to change their models and / or expand into new ones



As we transition to a Digital Economy, the role of **network and connectivity** technology is becoming even more significant

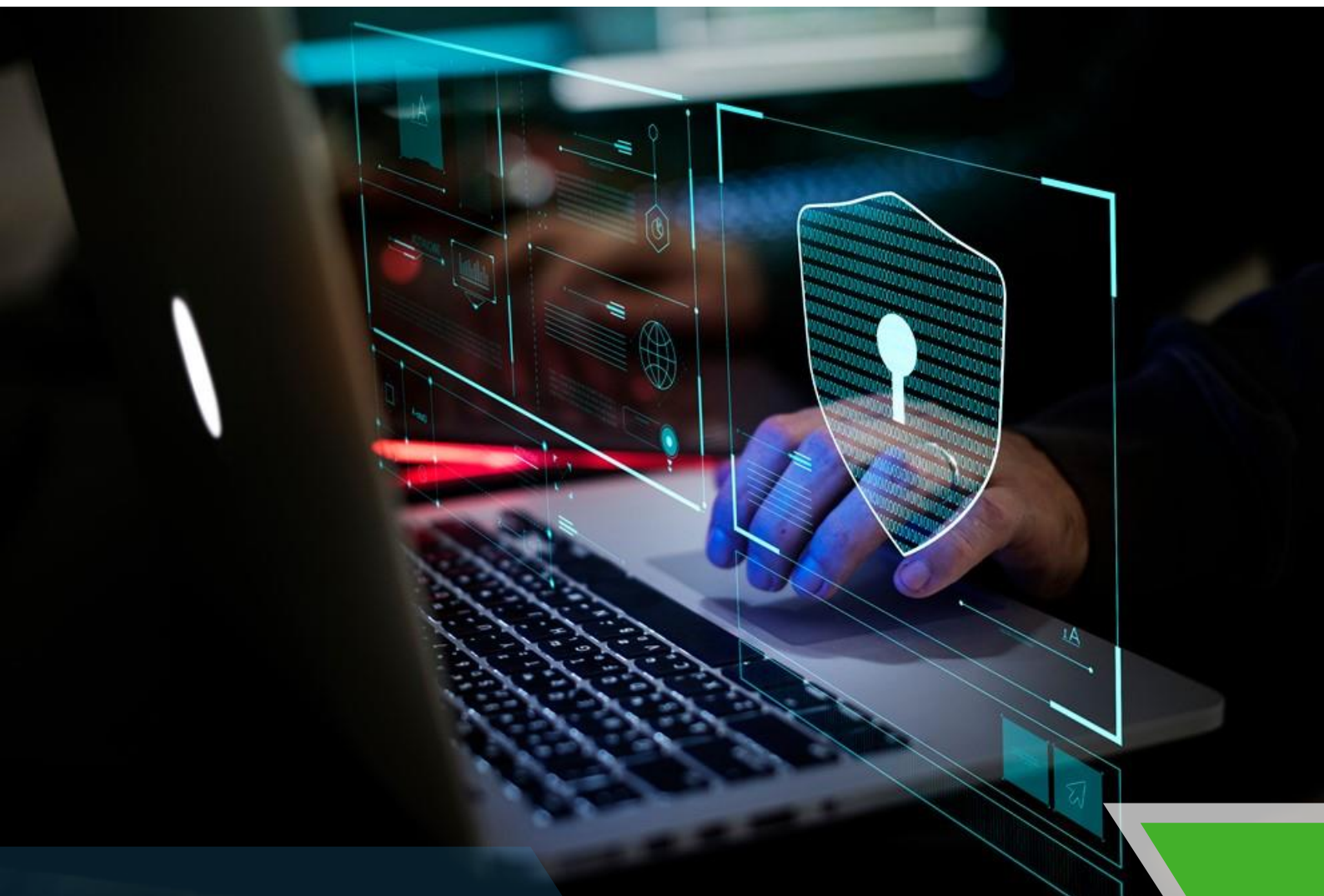


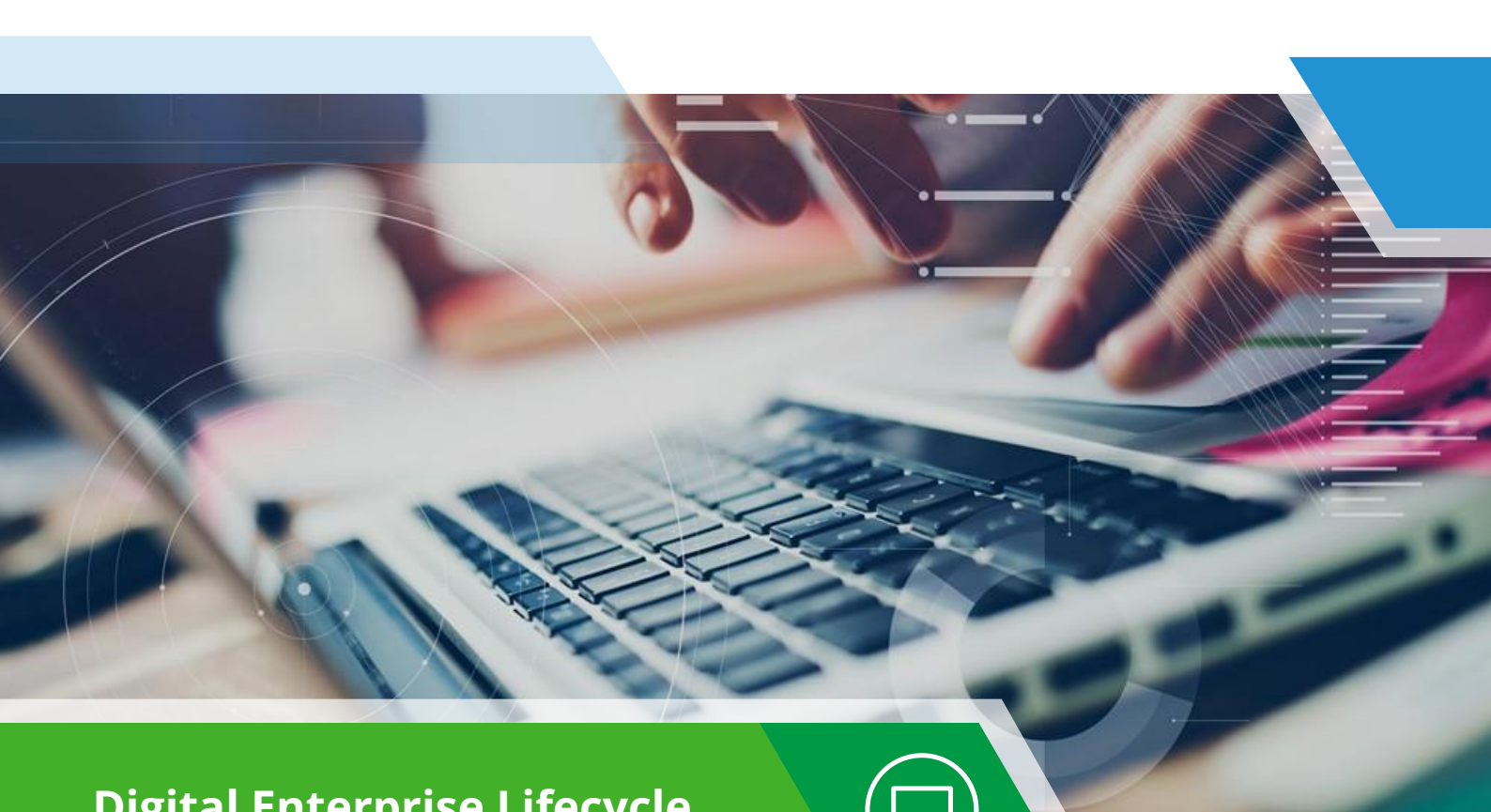
Extraordinary change is taking place at an unparalleled speed

The advent of new technologies has changed the cyber threat landscape.

Faster and inter-connected networks have increased the attack surface. These new technologies both facilitate attacks and defend against them at a scale, speed and level of sophistication never seen before. New types of malware, such as automated phishing tools and crypto mining software combined with emerging technologies, are expanding the cyber risk landscape. As business models become intertwined, the attack surface increases.

Regulatory and compliance authorities are framing new rules to protect both the customer and the enterprise. Organisations that use digital communication need to constantly be up-to date on their cyber security controls in order to cope with the emerging trends in this digital era.





Digital Enterprise Lifecycle



Enterprises need to incorporate a risk based architecture across the digital communication lifecycle to ensure that it is able to secure the critical assets and data while ensuring continuity of service.

Securing the Digital Enterprise lifecycle



Customer



Strategy,
Infrastructure
and Services



Operations



Enterprise
management

Enterprises need to build controls to manage the risks in the ecosystem



Cyber Security
Paradigm



Secure

Enhance risk prioritised controls to protect against known as well as emerging threats to secure the communication layer



Vigilant

Detect violations and anomalies through better situational awareness across the digital communication environment



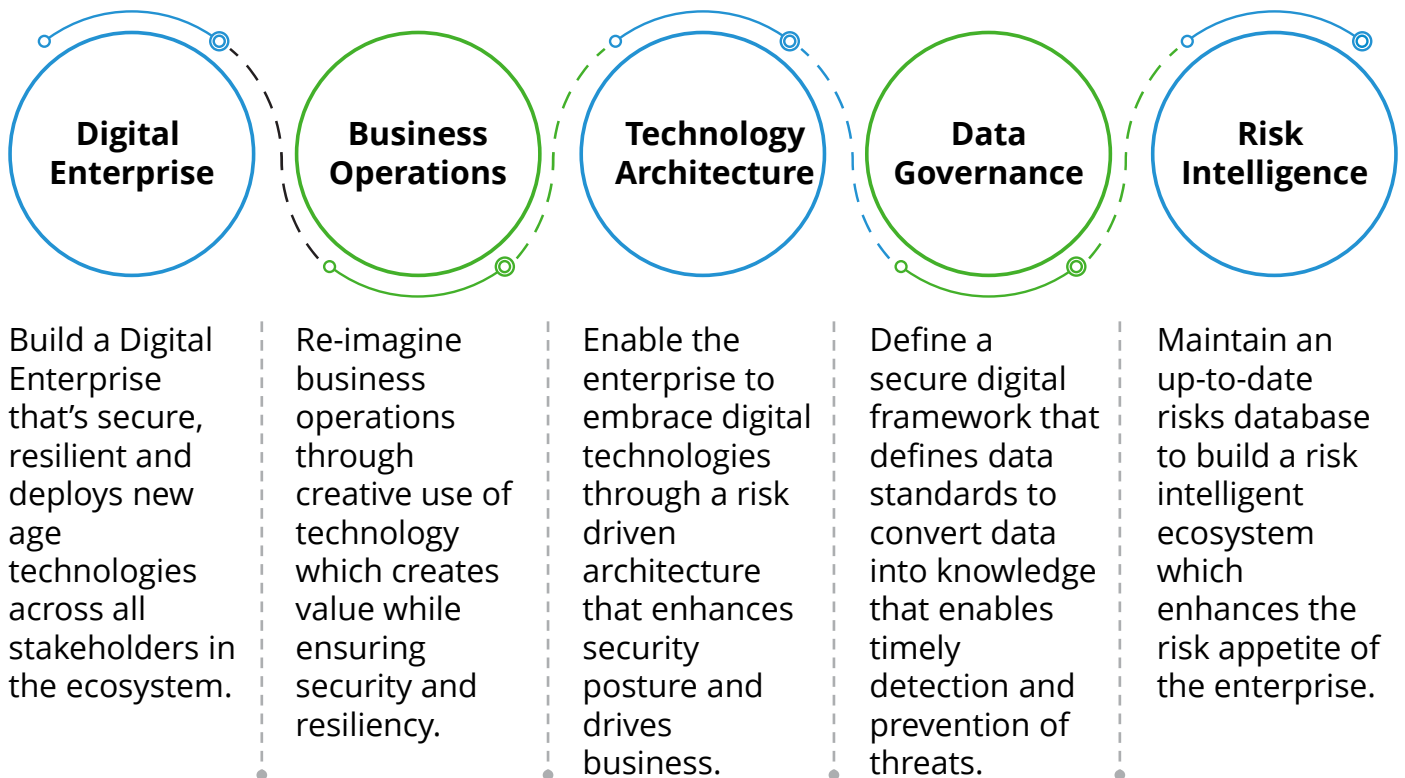
Resilient

Establish infrastructure and controls to keep the communication channel always up and running

Digital Communication Security Pillars



Building a secure and resilient digital communication approach shall require the Enterprise to transform into a Digital Enterprise by leveraging a technology driven architecture supported by timely and actionable insights thus helping re-imagine the business operations and managing risks.



What should be the way forward for you?



Our solution offering



Digital Transformation across industries has led to a rapidly changing business environment which offers exponentially augmenting opportunities for new capabilities and initiatives. One of the most critical success factors to win in this digital era is to build a secure, robust and scalable communication layer. Businesses need to formulate a well-defined digital communication strategy, an appropriate business case, and a customised and flexible approach. To maximise the benefits from their Digital communication layer, it is imperative for organisations to also manage the risks that are introduced into the environment and its impact to the existing ecosystem to drive optimum value from their digital initiatives.

Building a secure digital communication enterprise

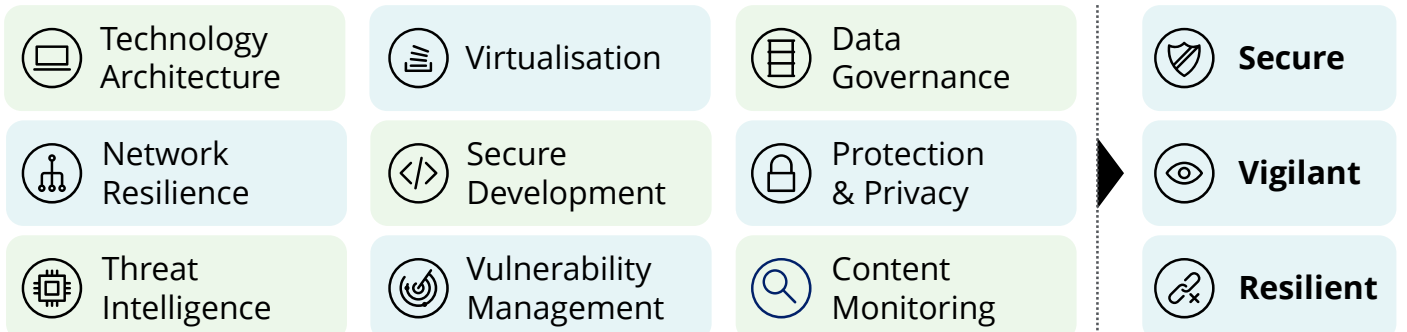
Digital Communication Strategy

-  **Design & Configuration**
-  **Governance & Compliance**
-  **Risk Management**
-  **Managed Services**

Digital Infrastructure


Business Applications

Data and Content



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