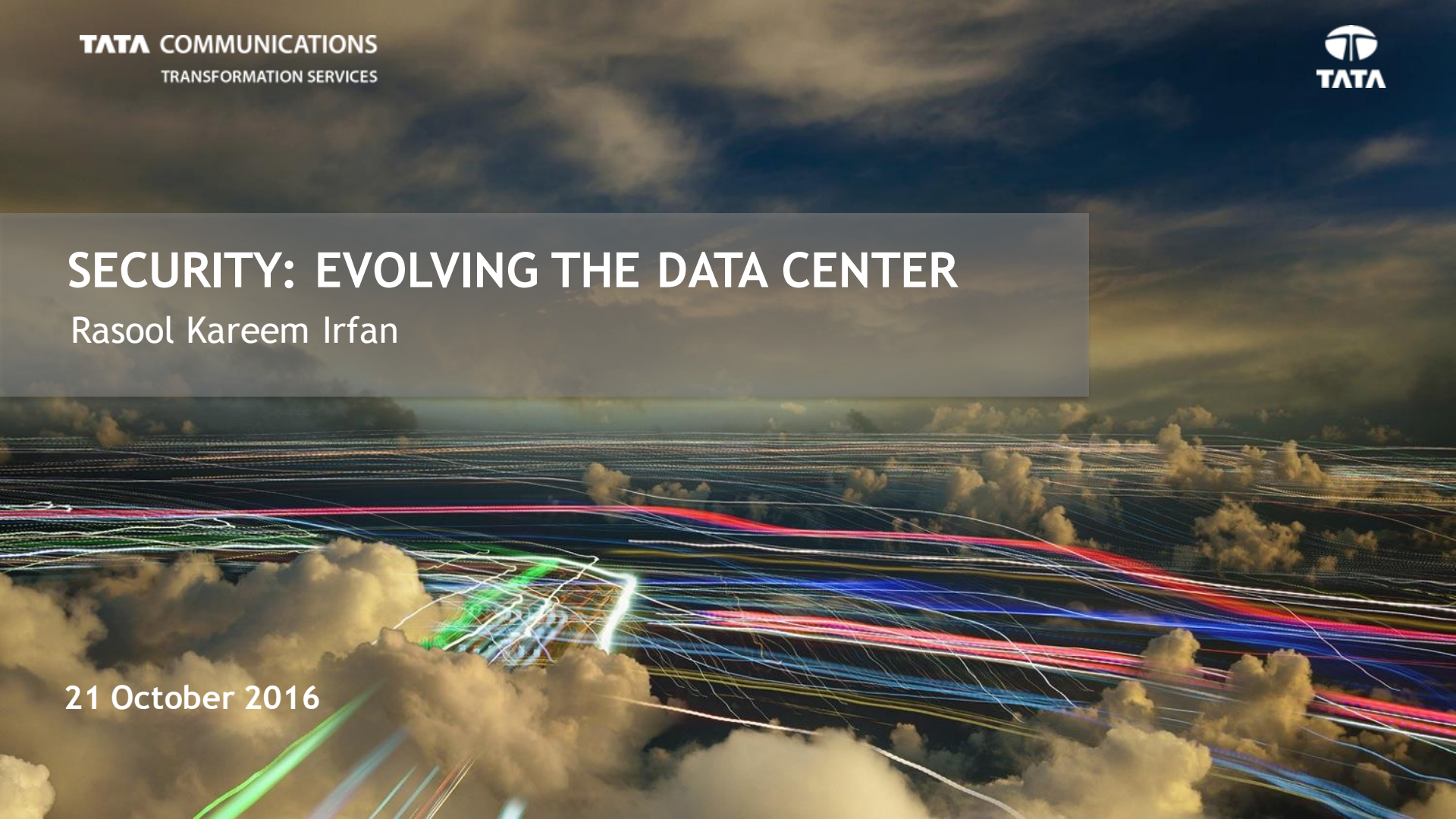


# SECURITY: EVOLVING THE DATA CENTER

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## AGENDA

1. TCTS - Introduction
2. Data Center Trends and Security Challenges
3. Strategic Priorities to Secure Data Center

# TATA COMMUNICATION TRANSFORMATION SERVICES (TCTS)

Managed services for network and business operations across telco lifecycle areas, as well as consultancy and business enablement services, to global enterprises and telecommunications companies, via a global delivery model

**4400+** Multi domain/ vendor agnostic network specialist across multiple technologies

**6** Global delivery centers including on-site customer delivery centers

Fulfillment
Assurance
Network engineering and planning
Business process management
Operational performance improvement
Transformation



B2B enablement
Service monetization
Customer experience management
Network audit and consultancy
Security audit and consultancy
Business consulting



**Accelerate time-to-market**  
with proven experience and expertise



**Simplify complexity**  
by improving process efficiency



**Reduce costs**  
by optimising  
people, processes and technology



**Improve end customer experience**  
by enhancing service availability

# DATA CENTER TECHNOLOGY TRENDS



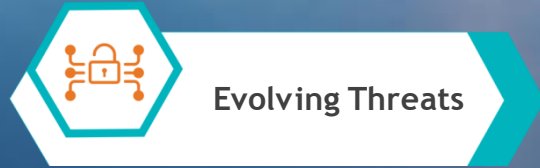
- DCIM Will Move Further Up the IT Stack
- Prefabricated Data Centers Will Come of Age
- Hyperscales and the Open Compute Project Will Disrupt Suppliers' Status Quo
- Cloud Will Drive Technical and Business Change
- Data Centers Will Evolve from Consumers to Active Energy Players

Source: 451 Research



The data center has evolved faster than everyone imagined and many are encountering challenges because their approach to **security** did not evolve

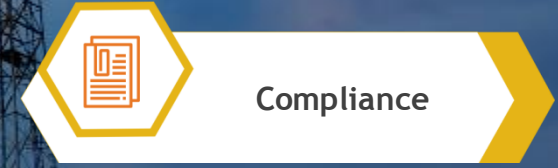
# DATA CENTER SECURITY CHALLENGES



- Detect, understand, and block



- Manual process
- Short on resources
- Long provisioning times



- Costly
- Complex validation process

# LISTENER POLL

What challenges does your organization face when planning and implementing data center security?



# BIGGER TRUTH

How secure is your data center?



# STRATEGIC PRIORITIES TO SECURE DATA CENTER





# SEGMENTATION

**Firewall  
Segmentation**

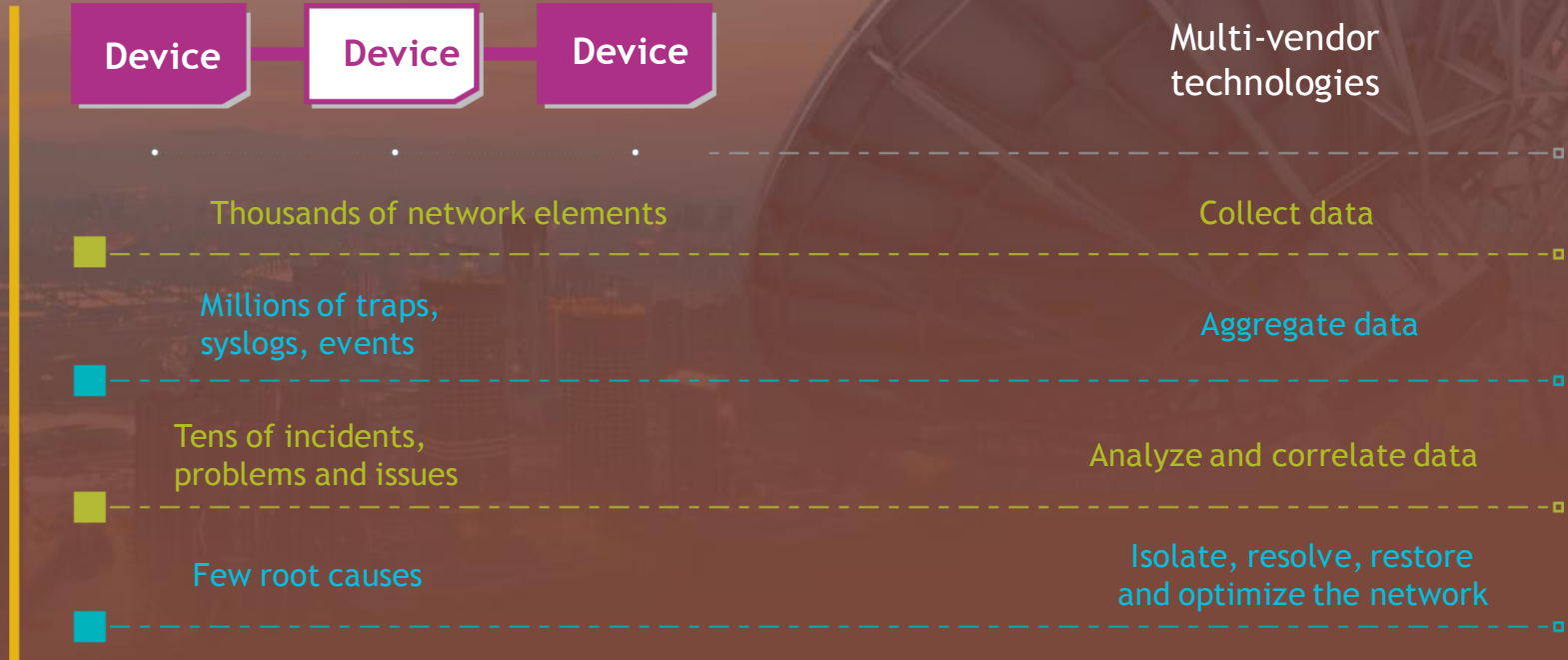
**Context Aware  
Segmentation**

**Fabric  
Segmentation**

**Network  
Segmentation**



# VISIBILITY



## LISTENER POLL

Are data centers doing enough to train their employees for new security threats in the age of virtualization? Or is there still a lot of room for improvement?



# HOW TATA COMMUNICATIONS TRANSFORMATION SERVICES CAN HELP CUSTOMERS

# TCTS SECURITY OFFERINGS

Transformation methodologies to mitigate cybersecurity concerns



## Security Consulting

- Security Architecture Review
- Security Migration Services
- Solution Optimization Services



## Security Assessments

- Regulatory Compliance Assessment
- Security Governance Assessment
- Technical Security Assessment



## Managed Security

- Security Monitoring & Management Services
- Security Design & Implementation
- Solution & Platform Engineering



# THANK YOU

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