SECURE AND ENABLE DIGITAL TRANSFORMATION

Risk and value considerations in the 3rd platform

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“The good thing about science is that it's true whether or not you believe in it”

Neil deGrasse Tyson
The collapse of **SPACE & TIME** and the emergence of a new **NEIGHBORHOOD**

10.º Congresso do Comité Português da URSI
"Comunicações em cenários de segurança e emergência"
“The continuous process by which enterprises ADAPT TO OR DRIVE DISRUPTIVE CHANGES in their customers and markets (external ecosystem) by LEVERAGING DIGITAL COMPETENCIES to innovate NEW BUSINESS MODELS, PRODUCTS, AND SERVICES that seamlessly blend digital and physical and business and customer experiences while improving operational efficiencies and organizational performance.”

IDC
Enable DIGITAL TRANSFORMATION

Leadership Transformation
Omni-Experience Transformation
Information Transformation
Operating Model Transformation
WorkSource Transformation
“Digital transformation is NOT JUST A TECHNOLOGY TRENDS, it is at the center of business strategies across all industry segments and markets. Enabled by the 3rd Platform technologies of social, mobile, analytics, and cloud, digital transformation represents an OPPORTUNITY FOR COMPANIES to redefine their customers' experience and achieve new levels of enterprise productivity.”

IDC
“In 2016, the Level of Connectivity Related to Products, Assets, and Processes Will Increase 50% for All Industry Value Chains”
“In 2016, 65% of Large Enterprises Will Have Committed to Become Information-Based Companies, Shifting the Organizational Focus to Relationships, People, and Intangible Capital”
“IDC FutureScape framework and outlines key recommendations for government CIOs and other top-level executives who need to anticipate the best course for IT strategic planning.”

IDC
“Smart Cities: By 2017, at least 20 of the world's largest countries will create national Smart City policies to prioritize funding and document technical and business guidelines.”
Râmnicu Vâlcea
Population: 100,000

Sr. Marcel Lehel
Sr. Robert Butyka
Sr. Victor Faur
Sr. Razvan Cernaianu

Guccifer | Iceman | SirVic | Tinkode

“HACKERVILLE”
"By 2018, government spending on cybersecurity will go from approximately 2% on average to over 5."
“Technologically advanced countries — United States, Japan, the nations of the eurozone and, to a lesser degree, China and India — have placed much of their military, financial, manufacturing, energy, and communications infrastructure under computer control. As a result, there is an unprecedented temptation and opportunity for adversaries to gain the means to manipulate those systems.”
“Telecommunications networks will be a crucial aspect of enterprise strategies to leverage 3rd Platform technologies. Key issues are DX, SECURITY CLOUD NETWORKING, mass adoption of API TOOLS, and MOBILE ENABLING PERSONNEL.”
<table>
<thead>
<tr>
<th>PREDICTION #1</th>
<th>HYBRID ENTERPRISE IT — By 2017, Over 60% IT Organizations Will Implement Hybrid IT Environments That Leverage In-House and External Third-Party Assets Housed in Offsite Datacenters</th>
</tr>
</thead>
<tbody>
<tr>
<td>PREDICTION #2</td>
<td>SOFTWARE-DEFINED CLOUD WANS — By 2016, 15% of Enterprises Will Have Implemented a Software-Defined WAN Vendor Solution or Cloud-Based Managed Solution; This Figure Will Jump to 50%</td>
</tr>
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<td>PREDICTION #3</td>
<td>SECURE CLOUD CONNECT — By 2017, More Than 50% of Enterprises Will Access Public Cloud IaaS and SaaS via CSP Cloud Connect Access</td>
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<td>PREDICTION #4</td>
<td>CLOUD-BASED UCaaS — Cloud-Based UCaaS Will Account for 60% of UCaaS Implementations by 2017</td>
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<tr>
<td>PREDICTION #5</td>
<td>INVESTMENT IN EMERGING MARKETS NETWORKS — At Least 30% of Large Enterprises Will Invest in Emerging SD–WAN, and Virtualized Solutions in 2016 in Emerging Markets</td>
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<th>Prediction #6</th>
<th>API-BASED APPS — By 2017, Approximately 50% of Enterprises Will Build or Incorporate Third-Party APIs for IP-Based Voice and Security Services</th>
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</thead>
<tbody>
<tr>
<td>Prediction #7</td>
<td>INVESTMENT IN ENTERPRISE MOBILITY INITIATIVES — By 2018, Approximately 40% of IT Budgets Will Focus on Mobilizing and Optimizing Applications for Mobile Devices, Then Decline in Subsequent Years</td>
</tr>
<tr>
<td>Prediction #8</td>
<td>INVEST IN CUSTOMER EXPERIENCE DIGITALIZING OPERATIONS — By 2018, the Evolution of Enterprise IT Procurement Will Stimulate DX of CSP Operations, and 20% of CSPs Will Have Implemented a True Customer-First Focus</td>
</tr>
<tr>
<td>Prediction #9</td>
<td>ADOPTION OF CSP MANAGED SERVICES — By 2017, at Least 55% of Enterprises Will Engage in CSP-Managed Services Including Bundled Managed Bandwidth, CPE, and Cloud-Based Application Management Solutions</td>
</tr>
<tr>
<td>Prediction #10</td>
<td>ON-DEMAND SWITCHED ETHERNET ACCESS — By 2017, 50% of Switched Ethernet Access Ports Will Be &quot;On Demand&quot; Enabled by CSPs as Enterprises Extend Flexible Branch Networking to Various Global Markets</td>
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“The computer is the MOST REMARKABLE TOOL that we've ever come up with. It's the equivalent of a BICYCLE FOR OUR MINDS.” — Steve Jobs
Obrigado!

“*It’s not NECESSARY TO CHANGE*

Survival is not MANDATORY”

W. Edwards Deming

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