

COMUNICAÇÕES EM CENÁRIOS DE SEGURANÇA E EMERGÊNCIA

10º CONGRESSO COMITÉ PORTUGUÊS DA URSI

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PORTUGAL SECTION

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"

DIGITAL TRANSFORMATION

(A Working Definition...)

*“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

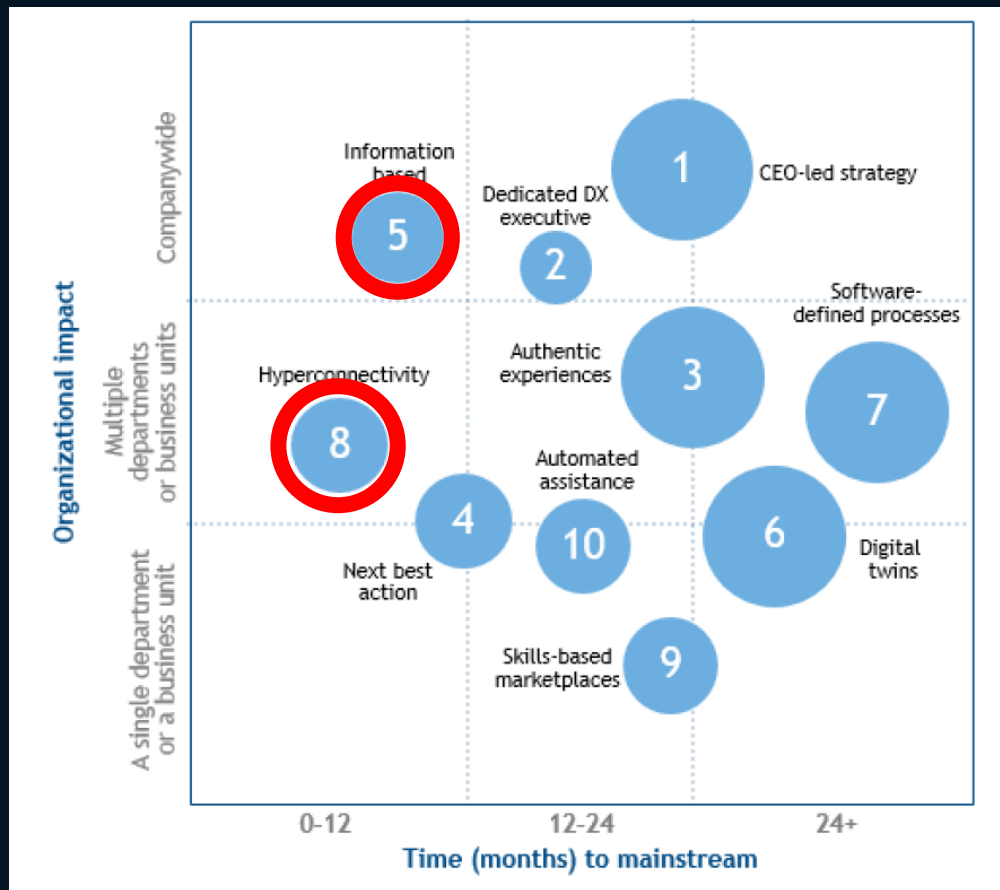


WorkSource Transformation



WORLDWIDE DIGITAL TRANSFORMATION 2016 TOP 10 PREDICTIONS

*"Digital transformation is **NOT JUST A TECHNOLOGY TREND**, 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*



Hyperconnectivity



“In 2016, the Level of Connectivity Related to Products, Assets, and Processes Will Increase 50% for All Industry Value Chains”

Information based

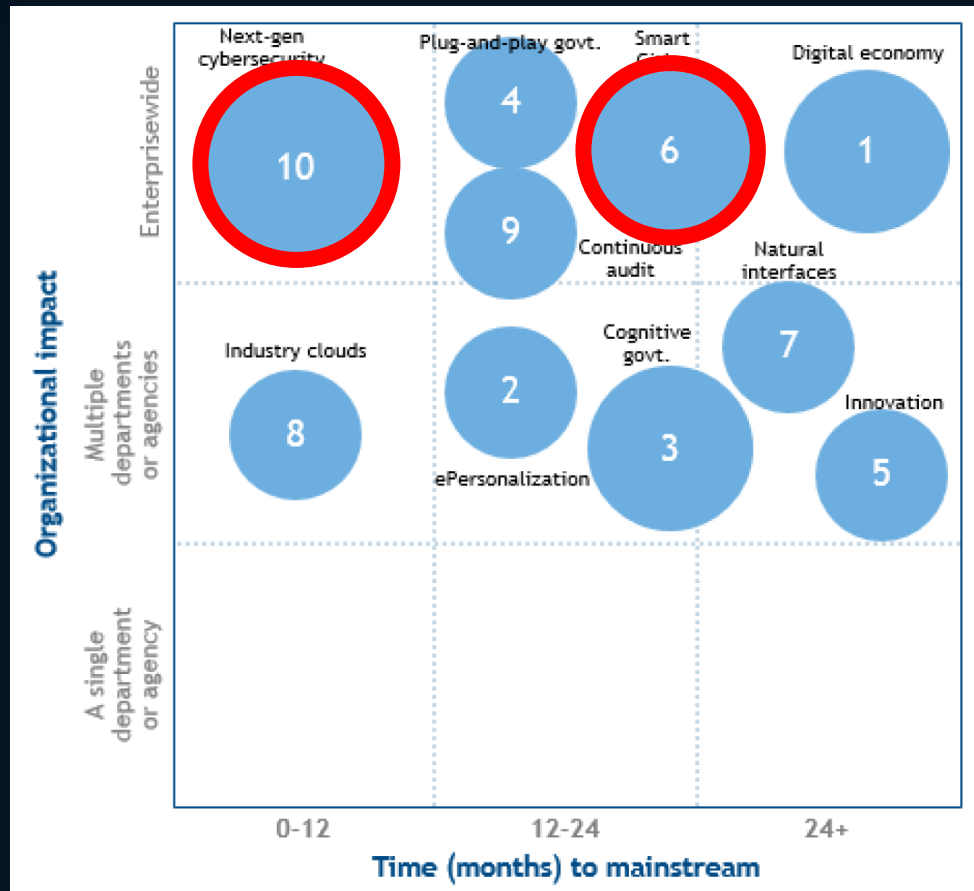


“In 2016, 65% of Large Enterprises Will Have Committed to Become Information-Based Companies, Shifting the Organizational Focus to Relationships, People, and Intangible Capital”


WORLDWIDE GOVERNMENTS 2016 PREDICTIONS

“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

A world map with a light gray background and dark gray landmasses. Several circular icons are placed on the map, each with a white dot in the center and a colored triangle (purple, green, or yellow) pointing in different directions. These icons are connected by thin white lines, suggesting a network or flow of information across the globe. The icons are located in North America, Europe, Asia, and Australia.

“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”

Next-generation cybersecurity

A stylized world map in light gray on a dark blue background. A network of white lines connects various points across the continents. Several points are highlighted with circular icons: a purple play button in North America, a yellow flag in Europe, a yellow flag in Asia, and a yellow flag with a black triangle in Australia. A large, semi-transparent white rectangular box is centered over the map, containing a quote in black text.

"By 2018, government spending on cybersecurity will go from approximately 2% on average to over 5%."

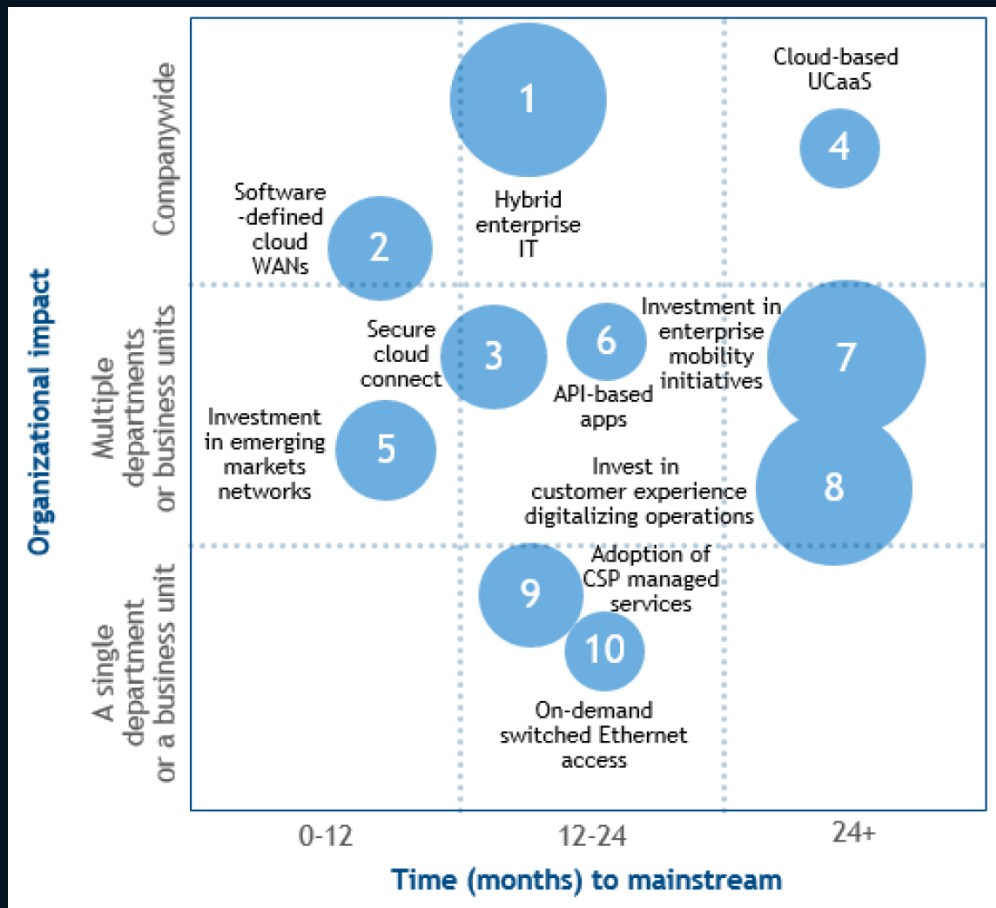
21st century battleground: The race for cybersupremacy



"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."

WORLDWIDE TELECOMMUNICATIONS 2016 PREDICTIONS

*“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**.”*



IDC

PREDICTION

#1

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*

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%

PREDICTION

#2

PREDICTION

#3

SECURE CLOUD CONNECT — *By 2017, More Than 50% of Enterprises Will Access Public Cloud IaaS and SaaS via CSP Cloud Connect Access*

CLOUD-BASED UCaaS — *Cloud-Based UCaaS Will Account for 60% of UCaaS Implementations by 2017*

PREDICTION

#4

PREDICTION

#5

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*

PREDICTION #6

API-BASED APPS — *By 2017, Approximately 50% of Enterprises Will Build or Incorporate Third-Party APIs for IP-Based Voice and Security Services*

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*

PREDICTION #7

PREDICTION #8

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*

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*

PREDICTION #9

PREDICTION #10

ON-DEMAND SWITCHED ETHERNET ACCESS — *By 2017, 50% of Switched Ethernet Access Ports Will Be "On Demand" Enabled by CSPs as Enterprises Extend Flexible Branch Networking to Various Global Markets*

“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!

“Its not **NECESSARY** TO **CHANGE** Survival is not **MANDATORY**”

W. Edwards Deming

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