The Imminent Revolution in Information Security

Cláudio Neiva

Carlos, Our Digital Workplace Person(a)

- Lives in the digital enterprise

- Is a high-impact performer

- Is *not* a task worker

- Is *not* a knowledge worker

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The World Carlos Lives In

|		
60% of USA jobs are nonroutine, up from 40% in 1975	➡	Carlos thinks on his feet
By 2020, millennials will form 50% of the global workforce	➡	Carlos is digitally literate
Telecommuting has risen 79% between 2005 and 2012	➡	Carlos is always on the move
From 2002 to 2012, the importance of team-oriented output grew from 20% to 50%	➡	Carlos is collaborative
By 2020, most knowledge workers will be disrupted by smart machines	➡	Carlos embraces new tools

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Carlos Is Great for Your Business

But he scares the living daylights out of my "tribe."

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Orthodoxy Does Not Work Any More
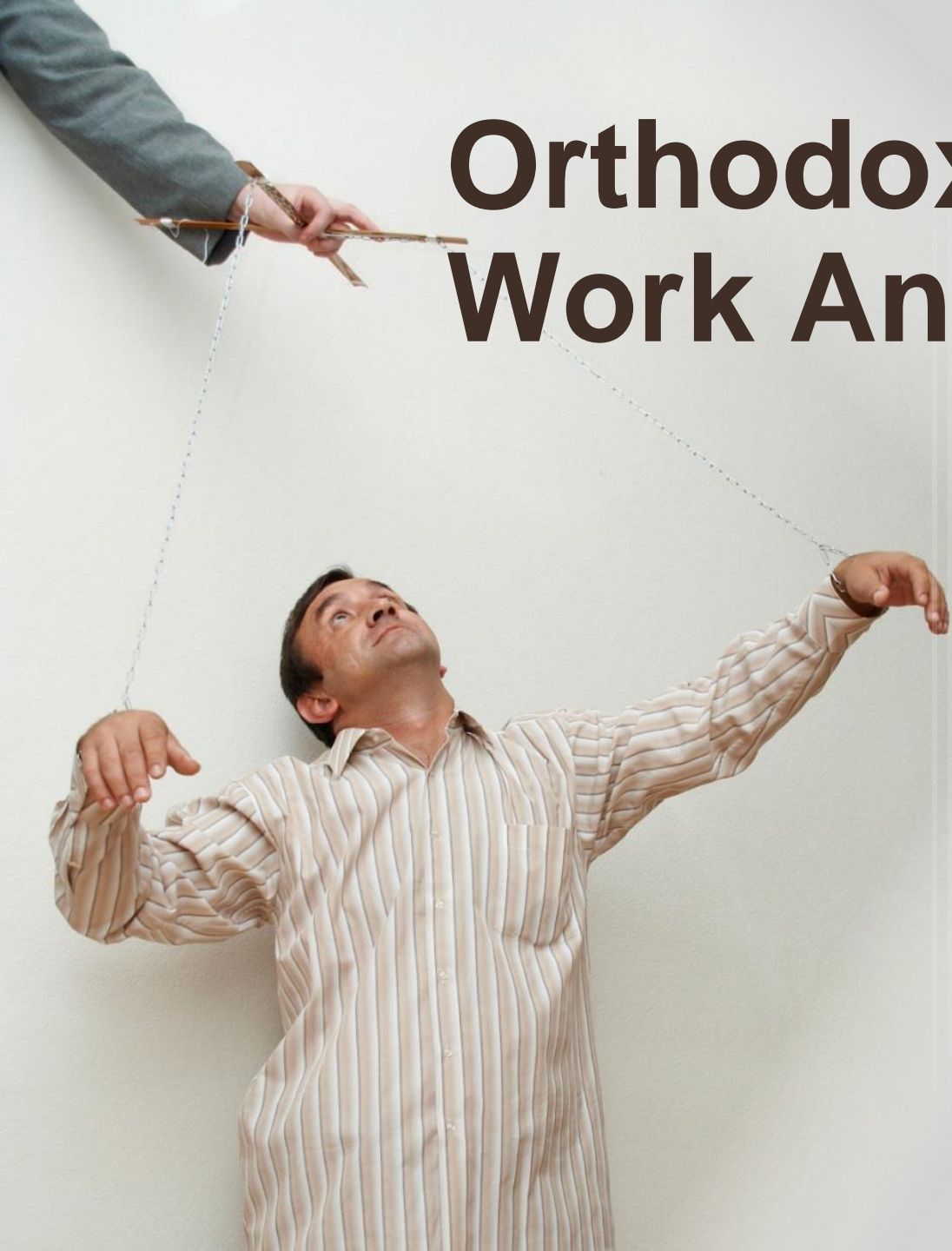
Orthodoxy Does Not Work Any More

Too Many Identities
Too Many Devices
Too Many Locations
Too Much Data
Too Many Threats

SECURITY TRUTHS

Prevention Is Better Than Cure
Humans Are the Weakest Link
Default to Deny

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TRUTH No. 1

Prevention Is Better Than Cure

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NEW REALITY No. 1?

By 2020, 60% of enterprises' information security budgets will be allocated for rapid detection and response approaches, up from less than 10% in 2012.
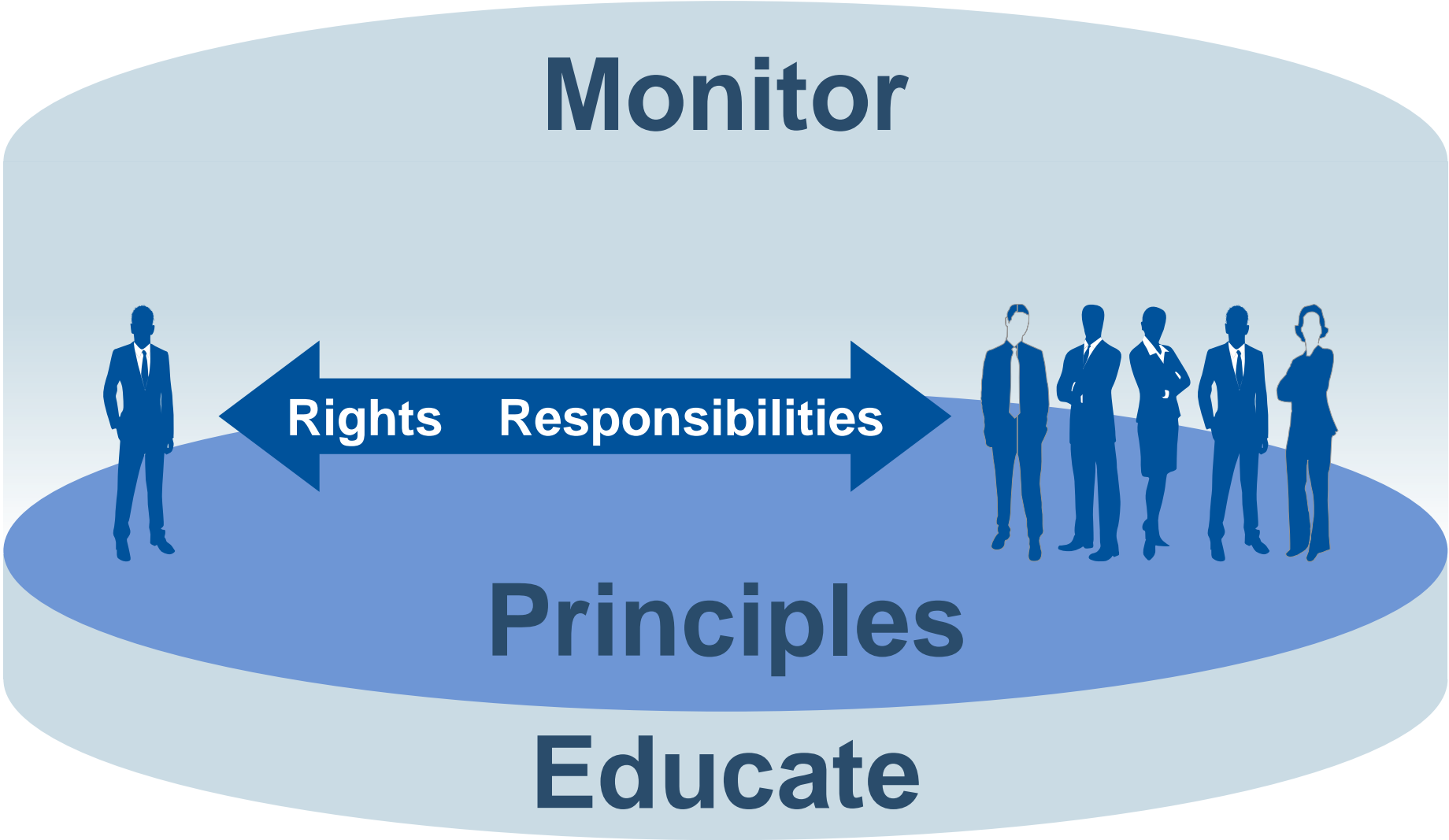
TRUTH No. 2

Humans Are the Weakest Link

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NEW REALITY No. 2?

Or Potentially the Strongest, Smartest Agents

People-Centric Security

TRUTH No. 3

Default
to
Deny

NEW REALITY No. 3?

Default
to
Allow

CIO's: SUPPORT YOUR CISO IN DEALING WITH THE NEW REALITIES

**Invest in the Cure
Humans Are the Strongest Agent
Default to Allow**

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Recommended Gartner Research

▶ **Prepare for the Security Implications of the Digital Workplace**
Tom Scholtz, Matthew W. Cain and Andrew Walls (G00263954)

▶ **Prevention Is Futile in 2020: Protect Information Via Pervasive Monitoring and Collective Intelligence**
Neil MacDonald (G00252476)

▶ **Digital Business Forever Changes How Risk and Security Deliver Value**
Paul E. Proctor and Andrew Walls (G00261249)

▶ **Experiences and Lessons Learned From Implementing People-Centric Security**
Tom Scholtz and Rob McMillan (G00260487)

▶ **Take a People-Centric Approach to Simplify Identity and Access Management**
Ant Allan and Tom Scholtz (G00263951)

For more information, stop by Gartner Research Zone.

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