

BE CONNECTED DAY

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BEING SECURE IN A DIGITAL WORLD

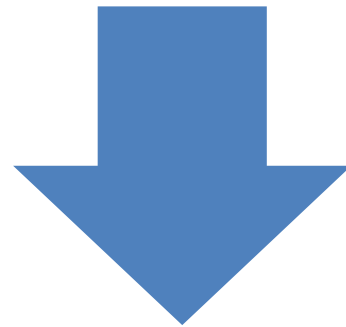
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Cyber Threat e Cyber Risk: Impacts, Evaluations, Dynamics and Awareness

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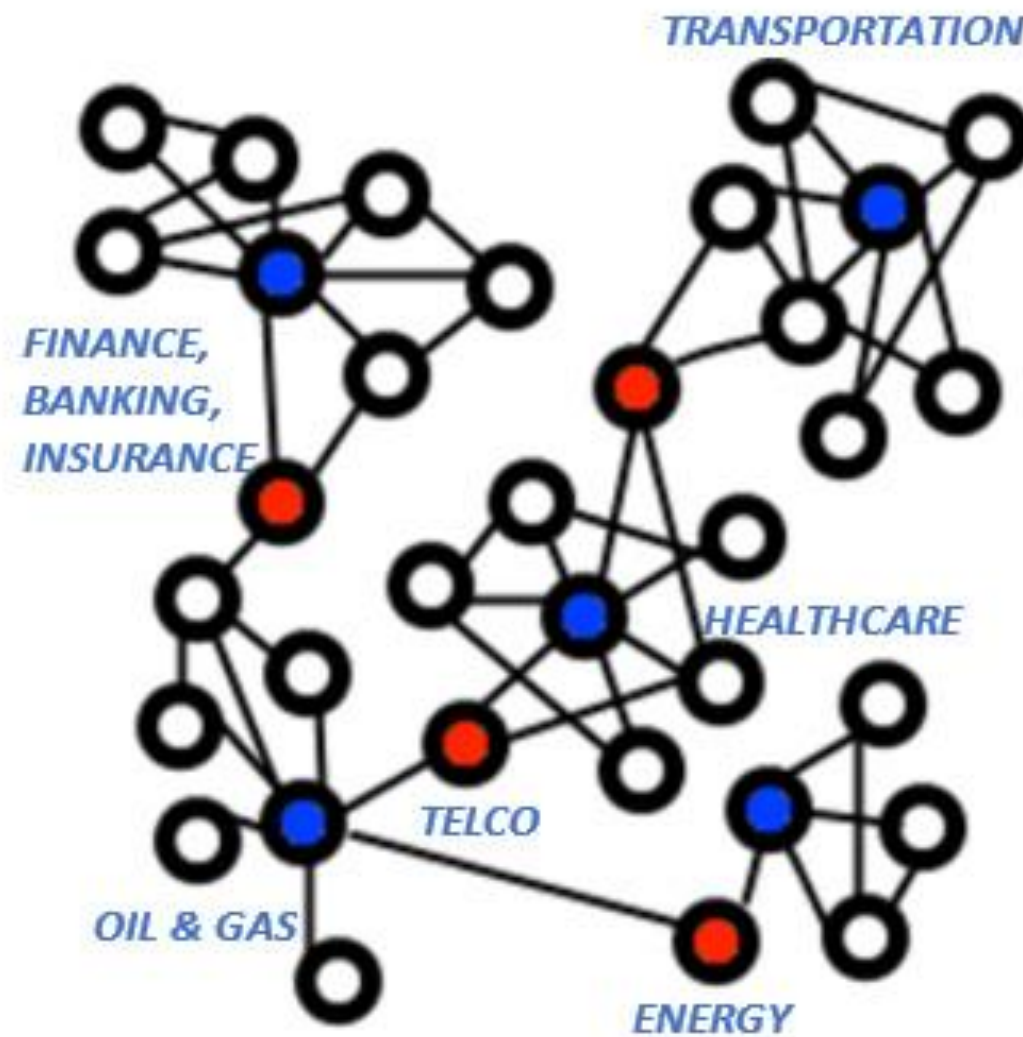
Cybersecurity in Society 4.0

- Computer Security isn't a challenge, isn't the XXI Century challenge for sure;
- Computer Security is a journey;
- The Society 4.0 has a real big problematic threat: Cyber Attacks.



The need to create new business models for increasing the industries productivity has led to a general trend towards automation, computerization, virtualization, the cloud and towards the explosion of the mobile features. The set of these characteristics defines industry 4.0 to which the various social components are called to have a relation, and on which the risk of cyber-attacks acts.

The Cyber Risk is a System risk



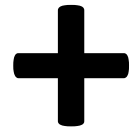
- Cyber risk is a particular risk, endowed with characteristics capable of amplifying its negative potential;
- The functioning of critical infrastructures is increasingly based on digital technologies;
- The interdependence of the "Critical Information Infrastructure" is constantly increasing;
- Increasing the risk that the damages produced in one node of the system affects the surrounding nodes with potentially catastrophic chain effects.

The only way to understand contemporary geopolitical changes is to put together what is happening in the world of information technology and what is happening in the world of telecommunications, with what is happening in the ecological field and what is happening in globalization or in demographic areas. There is no other way today to offer an overall picture of the situation.

Cyber – Impact factors

- Human Factor
- Supply Chain
- Unmanaged utilization of Open Source software
- Complexity, Obsolescence, Patching
- Unmanaged transition to Public Cloud

The Human Factor

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The digital revolution has strengthened our capabilities - through social networks it has offered us the opportunity to have many relationships at the same time. in many ways

A black minus sign (-) centered within a light blue square box.

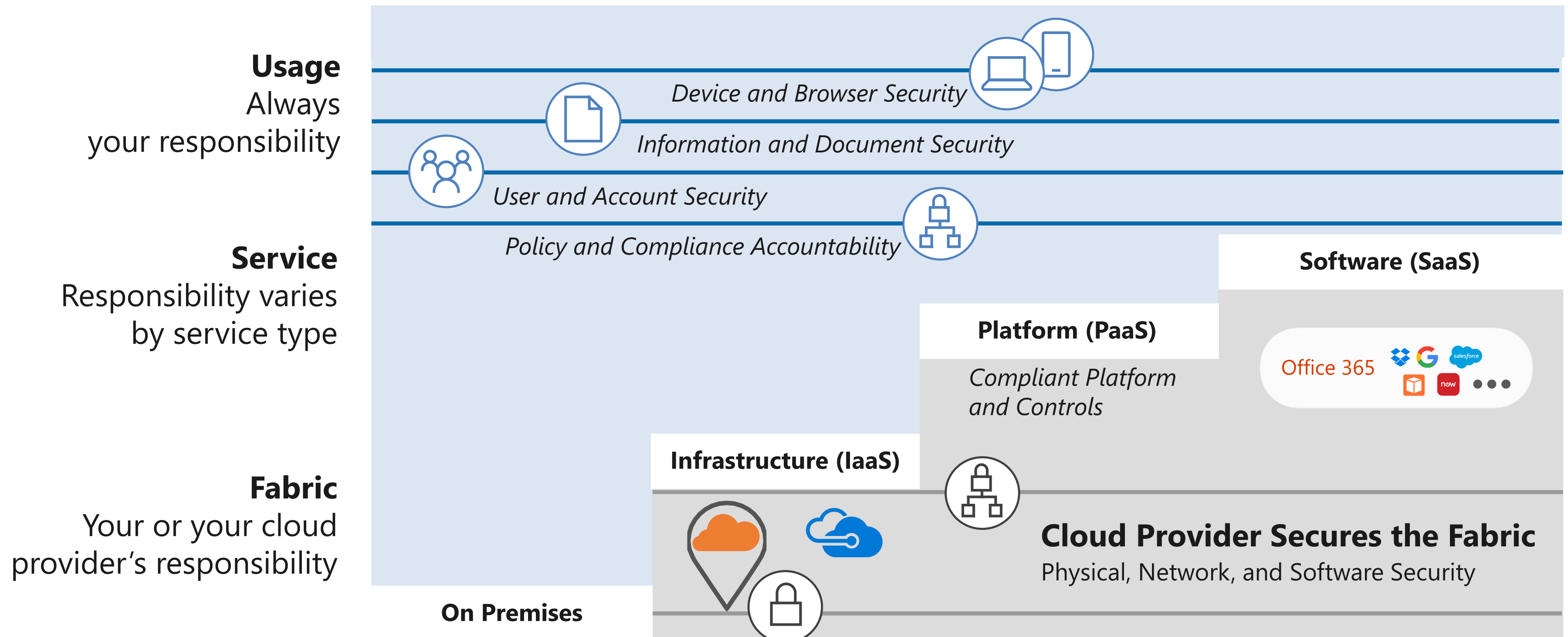
The polarization of opinions, haters, trolls, fake news, create an excellent context for "destroying" consensus but not able to "build" it at all.

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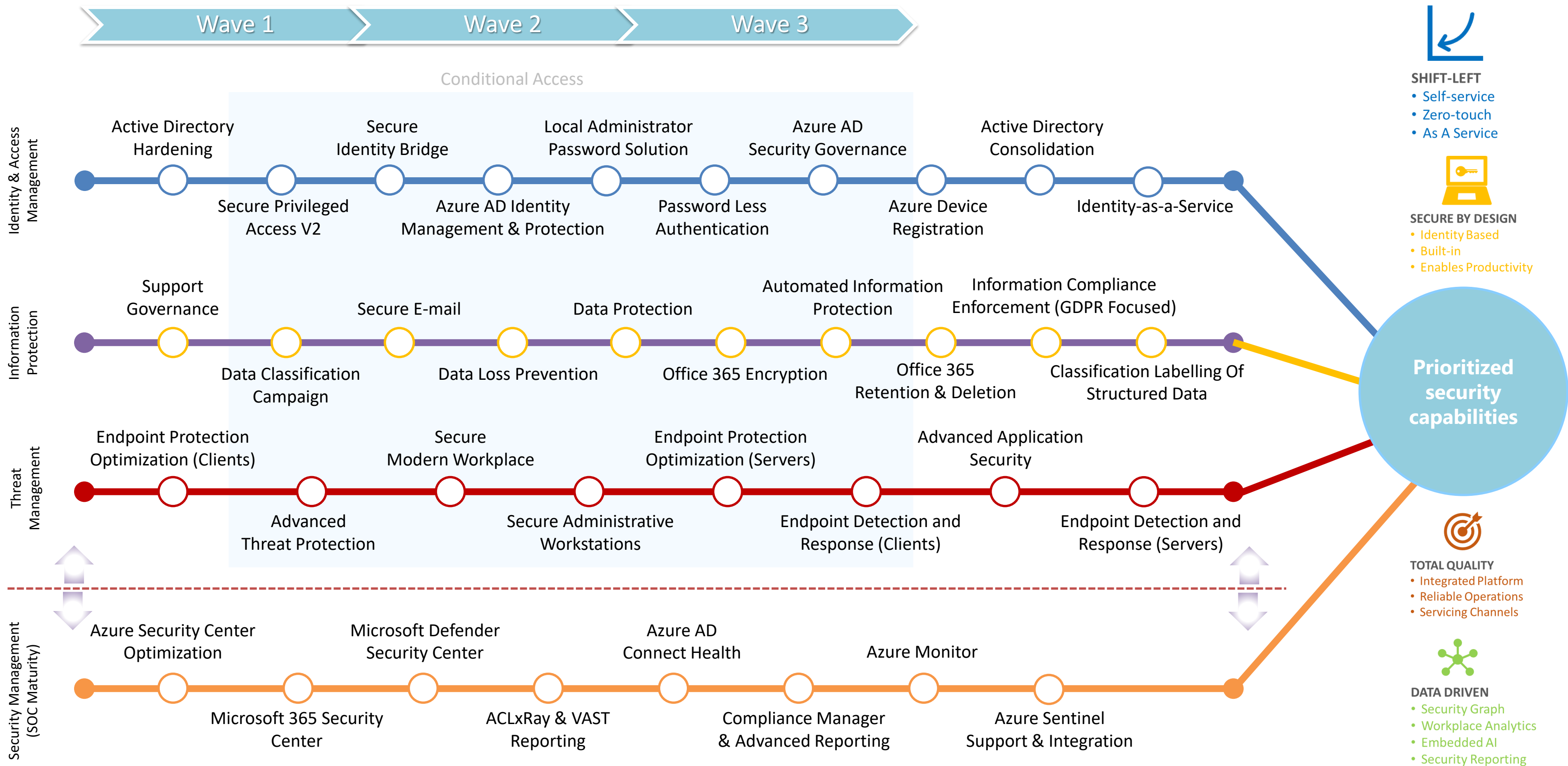
All of them find themselves extremely vulnerable to social engineering/phishing which is confirmed to be the most frequently used channel when triggering even complex attacks.

Cloud Security is a Partnership

Sharing *security, privacy, and compliance* responsibility with cloud provider(s)

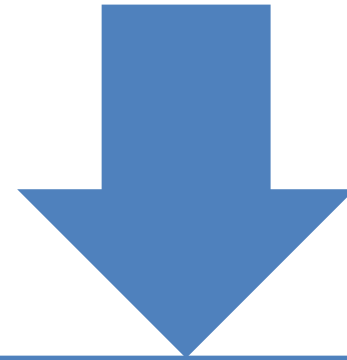


Security Journey Example (High-level Track View)



Conclusions

- The «total security» is a condition not achievable
- The context is complex
- A part of Cyber Risk isn't mitigable
- To define a new strategy: accept, eliminate, transfer
- Risk tolerance and coexistence



We need a solid political roadmap that is part of a global "call to action" addressed to institutions, businesses and specialized industry for a commitment to accept the challenge of cyber risk (and overcome it).

A community accepts the challenges it faces precisely because they are not simple, because they give us the opportunity to capitalize on the best of our abilities and our commitment.

[JFK]

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QUESTIONS?

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