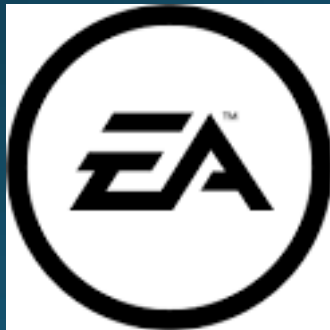


Nils Puhlmann  
Security Adviser  
former CSO & CTO  
co-founder CSA

# Cloud Security Today & Tomorrow

# My Security Background



# Cloud today

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Lack of Expertise

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Concerns about Security

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Managing Costs

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85 % of enterprises have a multi-cloud strategy

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Azure and Google are increasingly taking market share from AWS

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Private Cloud Adoption is not increasing

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SaaS is eating the world

# Cloud Security today

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49% of businesses are delaying cloud deployment due to a cybersecurity skills gap

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IT only has 47% visibility into cloud services

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28% annual growth rate for Cloud Security solutions

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Ease of use to sign up – increasing complexity to make it secure

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# Cloud tomorrow

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By 2020 more compute power sold by IaaS & PaaS compared to traditional data centers

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By 2019 more VMs through IaaS than anywhere else

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Containers, Micro-Services, Server-less Computing and IoT are redefining the Cloud

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Software developed “everything” is challenging traditional cloud deployments

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# Cloud Security tomorrow

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Gartner predicts that by 2020 IaaS will suffer 60% less incidents than traditional data centers

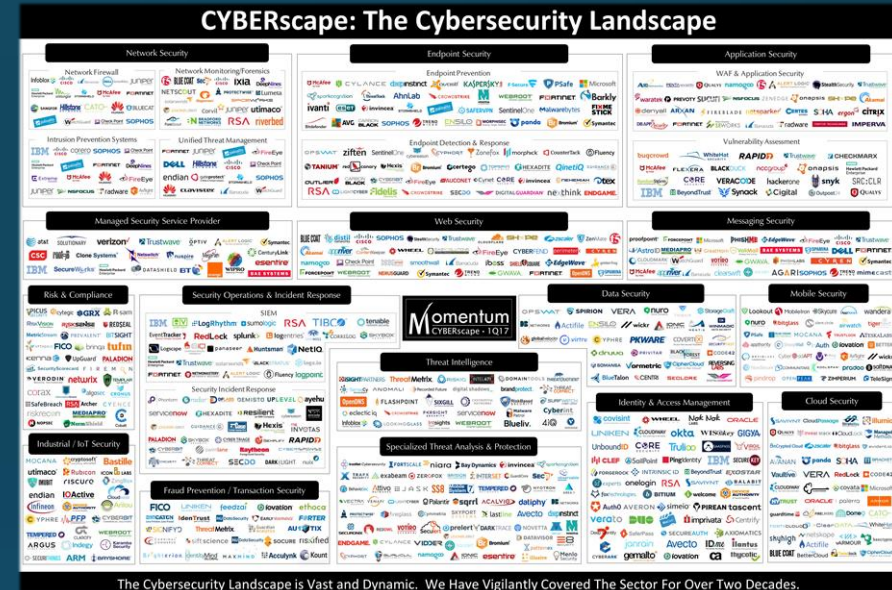
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Gartner also predicts that by 2018, 60% of enterprises that deploy appropriate cloud visibility and control tools, will experience 30% less security failures

# Cloud Security – Promise & Reality



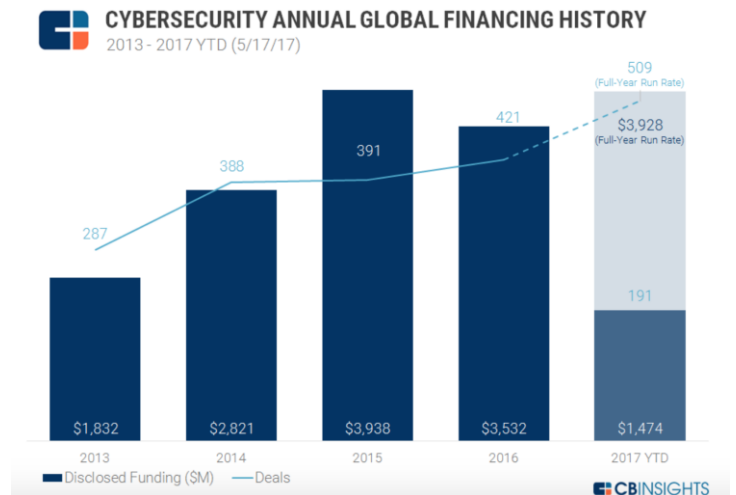
- Visibility – down because complexity is up
- Control – down because complexity is up and visibility down
- Complexity – up ; more technological alternatives and competition
- Knowledge & Experience – down due to talent shortage



Too many tools and point solutions



# The Security funding model is broken



# Is Security only for the 1%?

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Products are too expensive

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The real issues are too complicated and complex

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Solutions are hard to integrate

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Talent is rare and expensive

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The modern company - SaaS products, no IT team,  
pivots fast and often, sees technology as a commodity

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We have left most of the smaller corporations behind

# THANKS!