RSAConference2016

San Francisco | February 29 – March 4 | Moscone Center

Connect to Protect

SESSION ID: EXP-W02

The Evolution of Our Industry: 25 Years of RSAC Session Titles

MODERATOR: **Wade Baker**

VP, Strategy & Analytics
ThreatConnect
@wadebaker

PANELISTS:

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Sr. Data Scientist
BitSight
@jayjacobs

Wendy Nather
Research Director
Retail Cyber Intelligence Sharing Center
@RCISCwendy

Alex Pinto
Chief Data Scientist
Niddel
@alexcpsec

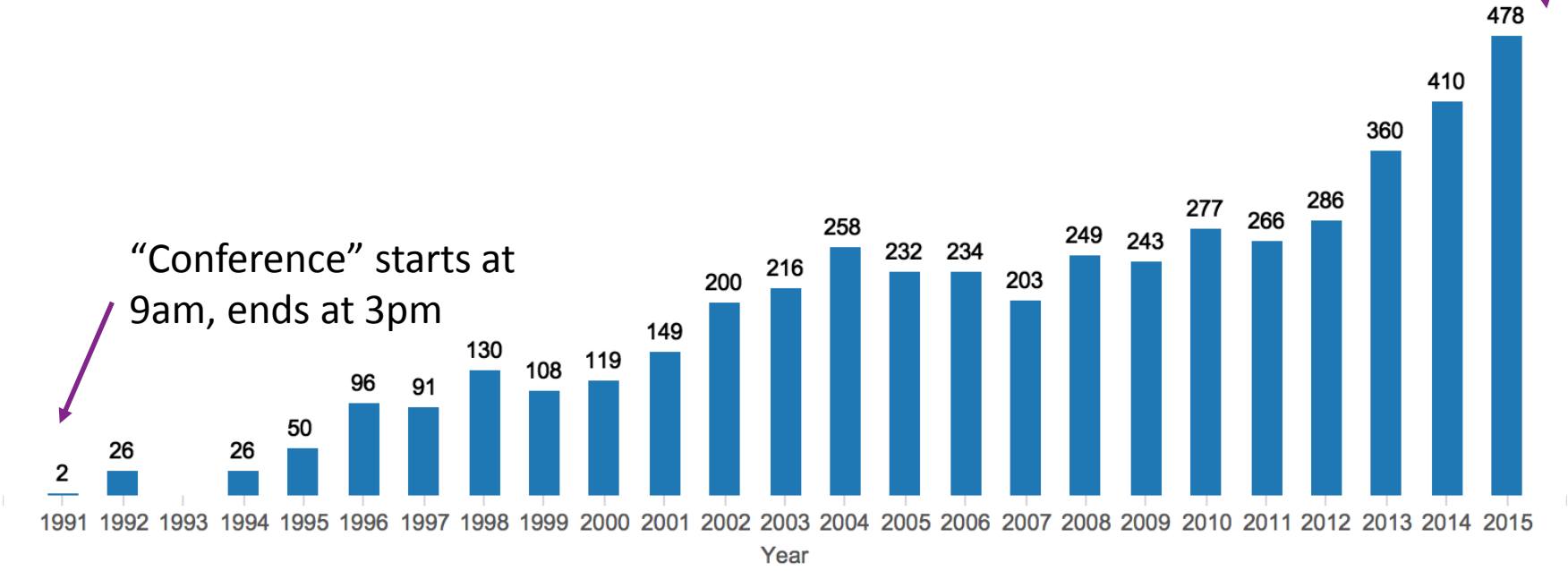
#RSAC

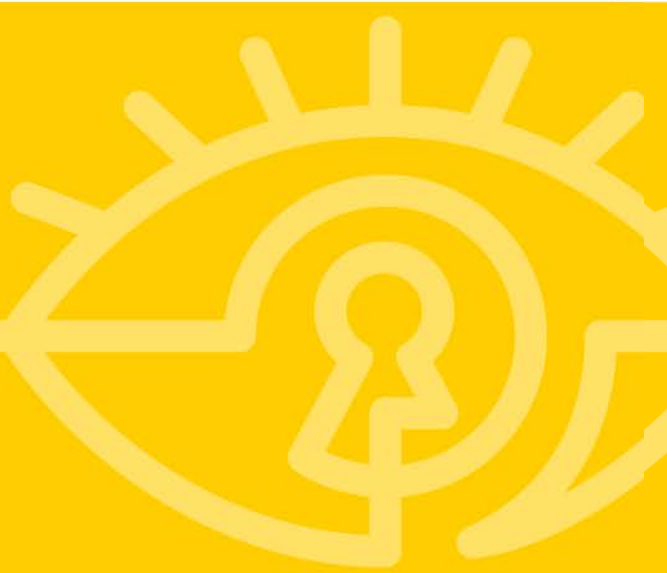
RSAC: I'm kind of a big deal

Number of RSAC Sessions per year between 1991-2015

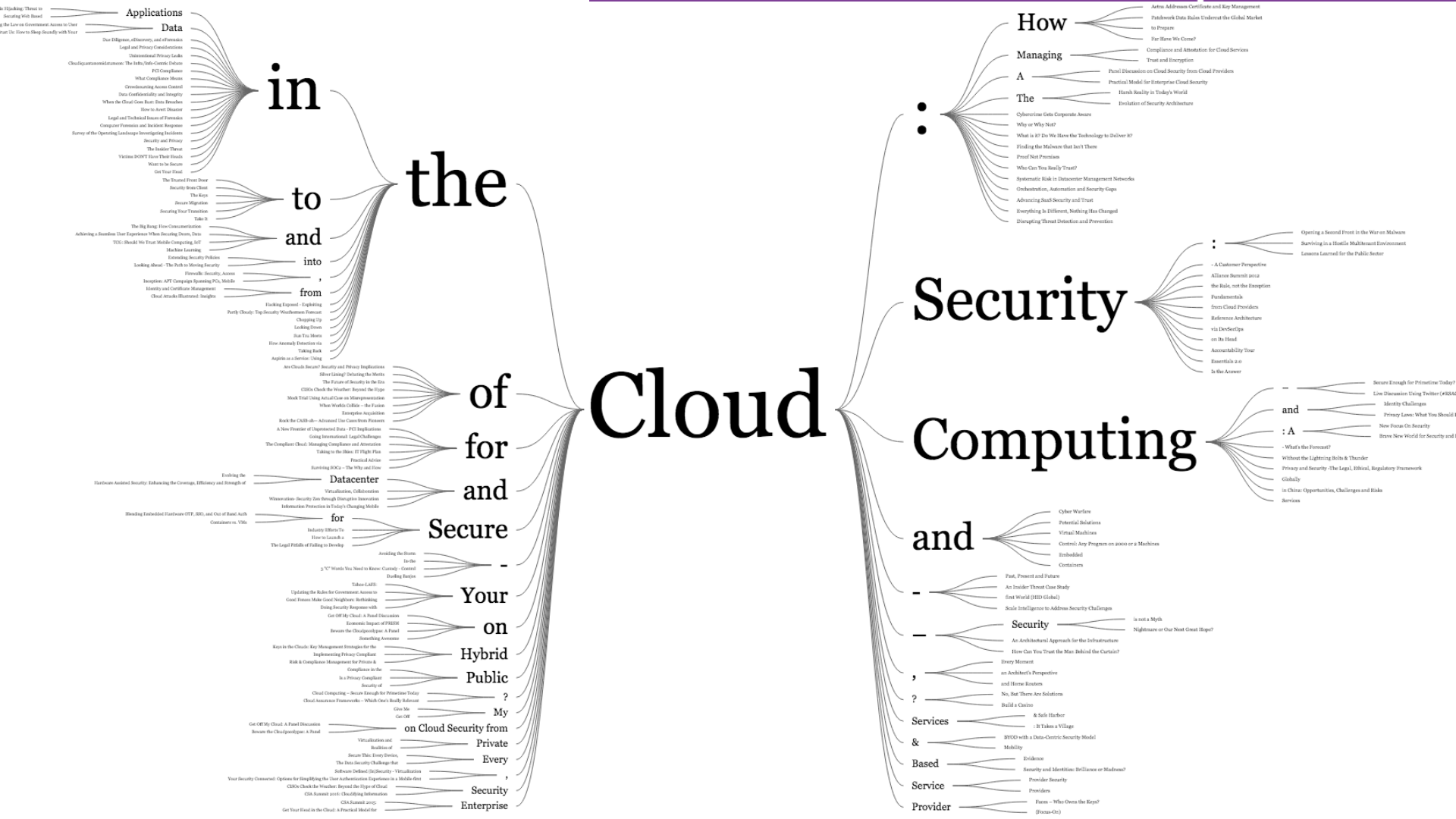
Conference starts at 7:30am Sat, ends at 1:50pm Fri, otherwise known as infosec's 150-hour work week.

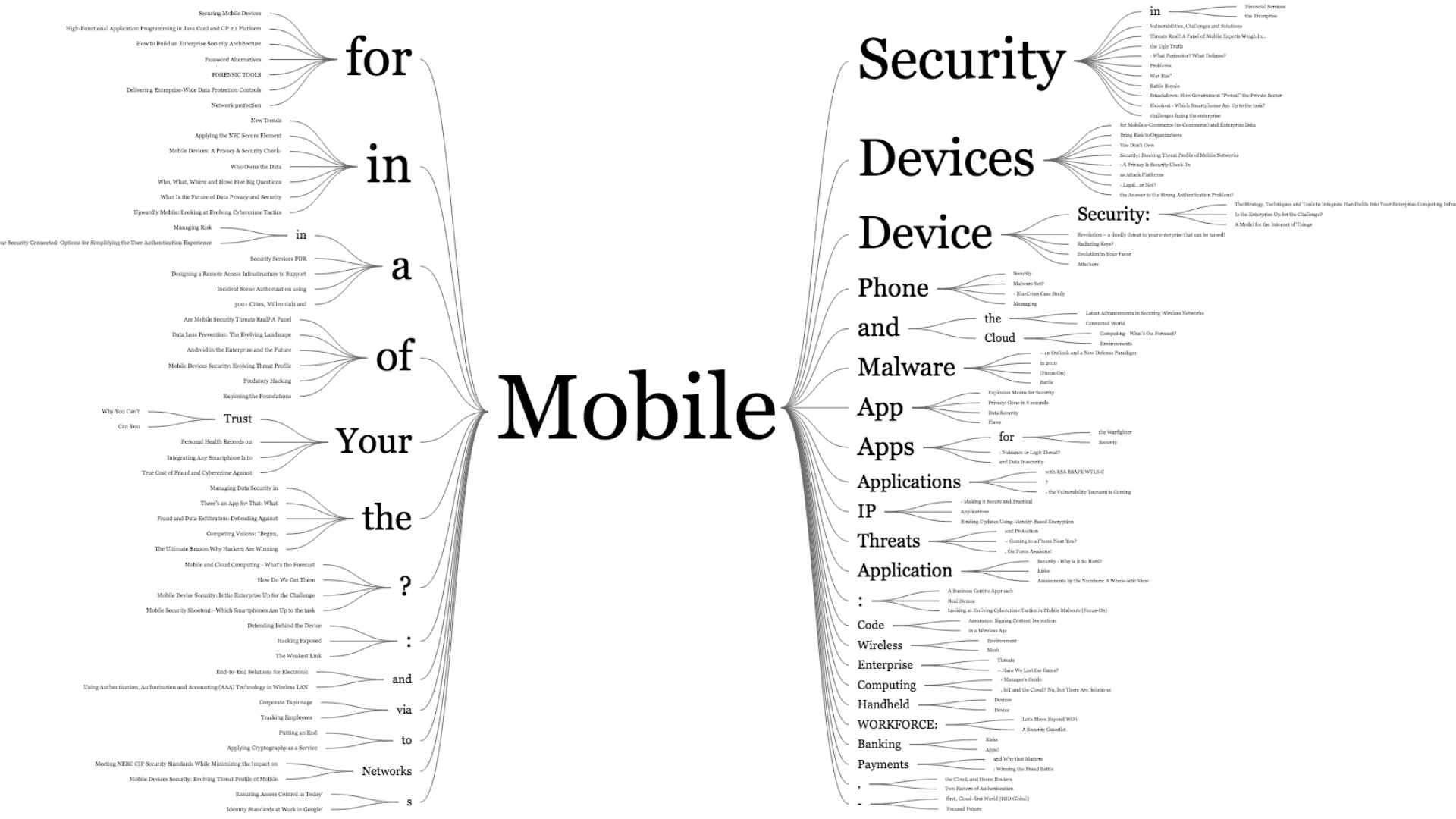
"Conference" starts at 9am, ends at 3pm





Icebreaker: "One of these things"


Cloud
Security
:
Opening a Second Front in the War on Malware
Surviving in a Hostile Multitenant Environment
Lessons Learned for the Public Sector
- A Customer Perspective
Alliance Summit 2012
the Rule, not the Exception
Fundamentals
from Cloud Providers
Reference Architecture
via DevSecOps
on Its Head
Accountability Your
Essentials 2.0
Is the Answer
Computing
–
Secure Enough for Primetime Today?
Live Discussion: Using Twitter (#RSAC
and
Identity Challenges
Privacy Laws: What You Should
: A
New Focus On Security
Brave New World for Security and
- What's the Forecast?
Without the Lightning Bolts & Thunder
Privacy and Security -The Legal, Ethical, Regulatory Framework
Globally
in China: Opportunities, Challenges and Risks
Services
and
Cyber Warfare
Potential Solutions
Virtual Machines
Control: Any Program on 2000 or 2 Machines
Embedded
Containers
-
Past, Present and Future
An Insider Threat Case Study
first World (HID Global)
Scale Intelligence to Address Security Challenges
–
Security
is not a Myth
Nightmare or Our Next Great Hope?
An Architectural Approach for the Infrastructure
How Can You Trust the Man Behind the Curtain?
,
Every Moment
an Architect's Perspective
and Home Routers
?
No, But There Are Solutions
Build a Casino
Services
& Safe Harbor
: It Takes a Village
&
BYOD with a Data-Centric Security Model
Mobility
Based
Evidence
Security and Identities: Brilliance or Madness?
Service
Provider Security
Providers
Provider
Faces – Who Owns the Keys?
(Focus On)
How
Aetna Addresses Certificate and Key Management
Patchwork Data Rules Undercut the Global Market
to Prepare
Far Have We Come?
Managing
Compliance and Attestation for Cloud Services
Trust and Encryption
A
Panel Discussion on Cloud Security from Cloud Providers
Practical Model for Enterprise Cloud Security
The
Harsh Reality in Today's World
Evolution of Security Architecture
:
Cybercrime Gets Corporate Aware
Why or Why Not?
What is it? Do We Have the Technology to Deliver it?
Finding the Malware that Isn't There
Proof Not Premises
Who Can You Really Trust?
Systematic Risk in Datacenter Management Networks
Orchestration, Automation and Security Gaps
Advancing SaaS Security and Trust
Everything Is Different, Nothing Has Changed
Disrupting Threat Detection and Prevention
in
the
of
for
and
Secure
-
Your
on
Hybrid
Public
?
My
on Cloud Security from
Private
Every
,
Security
Enterprise
Applications
Data
Due Diligence, eDiscovery, and eForensics
Legal and Privacy Considerations
Unintentional Privacy Leaks
Cloudjacutanomiaturmoin: The Info/Info-Centric Debate
PCI Compliance
What Compliance Means
Crowdsourcing Access Control
Data Confidentiality and Integrity
When the Cloud Goes Rut: Data Breaches
How to Avert Disaster
Legal and Technical Issues of Forensics
Computer Forensics and Incident Response
Survey of the Operating Landscape Investigating Incidents
Security and Privacy
The Insider Threat
Victims DON'T Have Their Hands
Want to be Secure
Get Your Head
to
The Trusted Front Door
Security from Client
The Keys
Secure Migration
Securing Your Transition
Take It
and
The Big Bang: How Consumerization
Achieving a Seamless User Experience When Securing Doors, Data
TCG: Should We Trust Mobile Computing, IoT
Machine Learning
into
Extending Security Policies
Looking Ahead - The Path to Moving Security
,
Firewalls: Security, Access
Inception: APT Campaign Spanning PCs, Mobile
from
Identity and Certificate Management
Cloud Attacks Illustrated: Insights
Hacking Exposed - Exploiting
Partly Cloudy: Top Security Weathermen Forecast
Chopping Up
Looking Down
Sun Tzu Meets
How Anomaly Detection via
Taking Back
Aspirin as a Service: Using
of
Are Clouds Secure? Security and Privacy Implications
Silver Lining? Debating the Merits
The Future of Security in the Era
CISOs Check the Weather: Beyond the Hype
Mock Trial Using Actual Case on Misrepresentation
When Worlds Collide – the Fusion
Enterprise Acquisition
Rock the CASB-ah– Advanced Use Cases from Pioneers
for
A New Frontier of Unprotected Data - PCI Implications
Going International: Legal Challenges
The Compliant Cloud: Managing Compliance and Attention
Taking to the Skies: IT Flight Plan
Practical Advice
Surviving SOCs – The Why and How
and
Evolving the
Datacenter
Hardware Assisted Security: Enhancing the Coverage, Efficiency and Strength of
Virtualization, Collaboration
Winnovation: Security Zen through Disruptive Innovation
Information Protection in Today's Changing Mobile
Secure
for
Bleeding Embedded: Hardware OTP, SSO, and Out of Band Auth
Containers vs. VMs
Industry Efforts To
How to Launch a
The Legal Pitfalls of Failing to Develop
-
Avoiding the Storm
In-the
3 "C" Words You Need to Know: Custody - Control
Dueling Banjos
Your
Tahoe-LAFS:
Updating the Rules for Government Access to
Good Fences Make Good Neighbors: Rethinking
Doing Security Response with
on
Get Off My Cloud: A Panel Discussion
Economic Impact of PRISM
Beware the Cloudpocalypse: A Panel
Something Awesome
Hybrid
Keys in the Clouds: Key Management Strategies for the
Implementing Privacy Compliant
Risk & Compliance Management for Private &
Public
Compliance in the
Is a Privacy Compliant
Security of
?
Cloud Computing – Secure Enough for Primetime Today
Cloud Assurance Frameworks – Which One's Really Relevant
My
Give Me
Get Off
on Cloud Security from
Get Off My Cloud: A Panel Discussion
Beware the Cloudpocalypse: A Panel
Private
Virtualization and
Realities of
Every
Secure This: Every Device,
The Data Security Challenge that
,
Software Defined (In)Security – Virtualization
Your Security Connected: Options for Simplifying the User Authentication Experience in a Mobile-first
Security
CISOs Check the Weather: Beyond the Hype of Cloud
CSA Summit 2016: Classifying Information
Enterprise
CSA Summit 2015:
Get Your Head in the Cloud: A Practical Model for


Mobile
Security
in
Financial Services
the Enterprise
Vulnerabilities, Challenges and Solutions
Threats Real? A Panel of Mobile Experts Weigh In...
the Ugly Truth
: What Perimeter? What Defense?
Problems
War Has"
Battle Royale
Smackdown: How Government "Pwned" the Private Sector
Shootout - Which Smartphones Are Up to the task?
challenges facing the enterprise
Devices
for Mobile e-Commerce (m-Commerce) and Enterprise Data
Bring Risk to Organizations
You Don't Own
Security: Evolving Threat Profile of Mobile Networks
: A Privacy & Security Check-In
as Attack Platforms
- Legal.. or Not?
the Answer to the Strong Authentication Problem?
Device
Security:
The Strategy, Techniques and Tools to Integrate Handhelds Into Your Enterprise Computing Infra
Is the Enterprise Up for the Challenge?
A Model for the Internet of Things
Revolution – a deadly threat to your enterprise that can be tamed!
Radiating Keys?
Evolution in Your Favor
Attackers
Phone
Security
Malware Yet?
- BlueCross Case Study
Messaging
and
the
Latest Advancements in Securing Wireless Networks
Connected World
Cloud
Computing - What's the Forecast?
Environments
Malware
– an Outlook and a New Defense Paradigm
in 2010
(Focus-On)
Battle
App
Explosive Means for Security
Privacy: Gone in 6 seconds
Data Security
Flaws
Apps
for
the Warfighter
Security
: Nuisance or Legit Threat?
and Data Insecurity
Applications
with RSA BSAFE WTLS-C
?
- the Vulnerability Tsunami is Coming
IP
- Making it Secure and Practical
Applications
Binding Updates Using Identity-Based Encryption
Threats
and Protection
– Coming to a Phone Near You?
, the Force Awakens!
Application
Security - Why is it So Hard?
Risks
Assessments by the Numbers: A Whole-istic View
:
A Business Centric Approach
Real Demos
Looking at Evolving Cybercrime Tactics in Mobile Malware (Focus-On)
Code
Assurance: Signing Content Inspection
in a Wireless Age
Wireless
Environment
Mesh
Enterprise
Threats
– Have We Lost the Game?
Computing
- Manager's Guide
, IoT and the Cloud? No, But There Are Solutions
Handheld
Devices
Device
WORKFORCE:
Let's Move Beyond WiFi
A Security Gauntlet
Banking
Risks
Apps)
Payments
and Why that Matters
: Winning the Fraud Battle
,
the Cloud, and Home Routers
Two Factors of Authentication
first, Cloud-first World (HID Global)
-
Focused Future
for
Securing Mobile Devices
High-Functional Application Programming in Java Card and GP 2.1 Platform
How to Build an Enterprise Security Architecture
Password Alternatives
FORENSIC TOOLS
Delivering Enterprise-Wide Data Protection Controls
Network protection
in
New Trends
Applying the NFC Secure Element
Mobile Devices: A Privacy & Security Check-
Who Owns the Data
Who, What, Where and How: Five Big Questions
What Is the Future of Data Privacy and Security
Upwardly Mobile: Looking at Evolving Cybercrime Tactics
a
Managing Risk
in
ur Security Connected: Options for Simplifying the User Authentication Experience
Security Services FOR
Designing a Remote Access Infrastructure to Support
Incident Scene Authorization using
300+ Cities, Millennials and
of
Are Mobile Security Threats Real? A Panel
Data Loss Prevention: The Evolving Landscape
Android in the Enterprise and the Future
Mobile Devices Security: Evolving Threat Profile
Predatory Hacking
Exploring the Foundations
Your
Why You Can't
Trust
Can You
Personal Health Records on
Integrating Any Smartphone Into
True Cost of Fraud and Cybercrime Against
the
Managing Data Security in
There's an App for That: What
Fraud and Data Exfiltration: Defending Against
Competing Visions: "Begun,
The Ultimate Reason Why Hackers Are Winning
?
Mobile and Cloud Computing - What's the Forecast
How Do We Get There
Mobile Device Security: Is the Enterprise Up for the Challenge
Mobile Security Shootout - Which Smartphones Are Up to the task
:
Defending Behind the Device
Hacking Exposed
The Weakest Link
and
End-to-End Solutions for Electronic
Using Authentication, Authorization and Accounting (AAA) Technology in Wireless LAN
via
Corporate Espionage
Tracking Employees
to
Putting an End
Applying Cryptography as a Service
Networks
Meeting NERC CIP Security Standards While Minimizing the Impact on
Mobile Devices Security: Evolving Threat Profile of Mobile
s
Ensuring Access Control in Today'
Identity Standards at Work in Google'

One of these Things

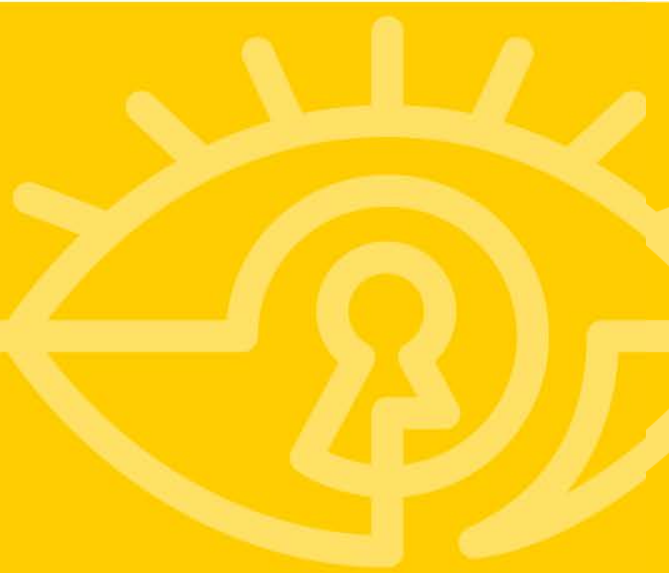
Crypto Edition

- "Local Encryption II: A View of Browser Security"
- "Uncle Sam, Meet the PKI"
- "The Psychology of DES"
- "Pseudo-Random Number Generation: Scalable BYOD Defense"

One of these Things

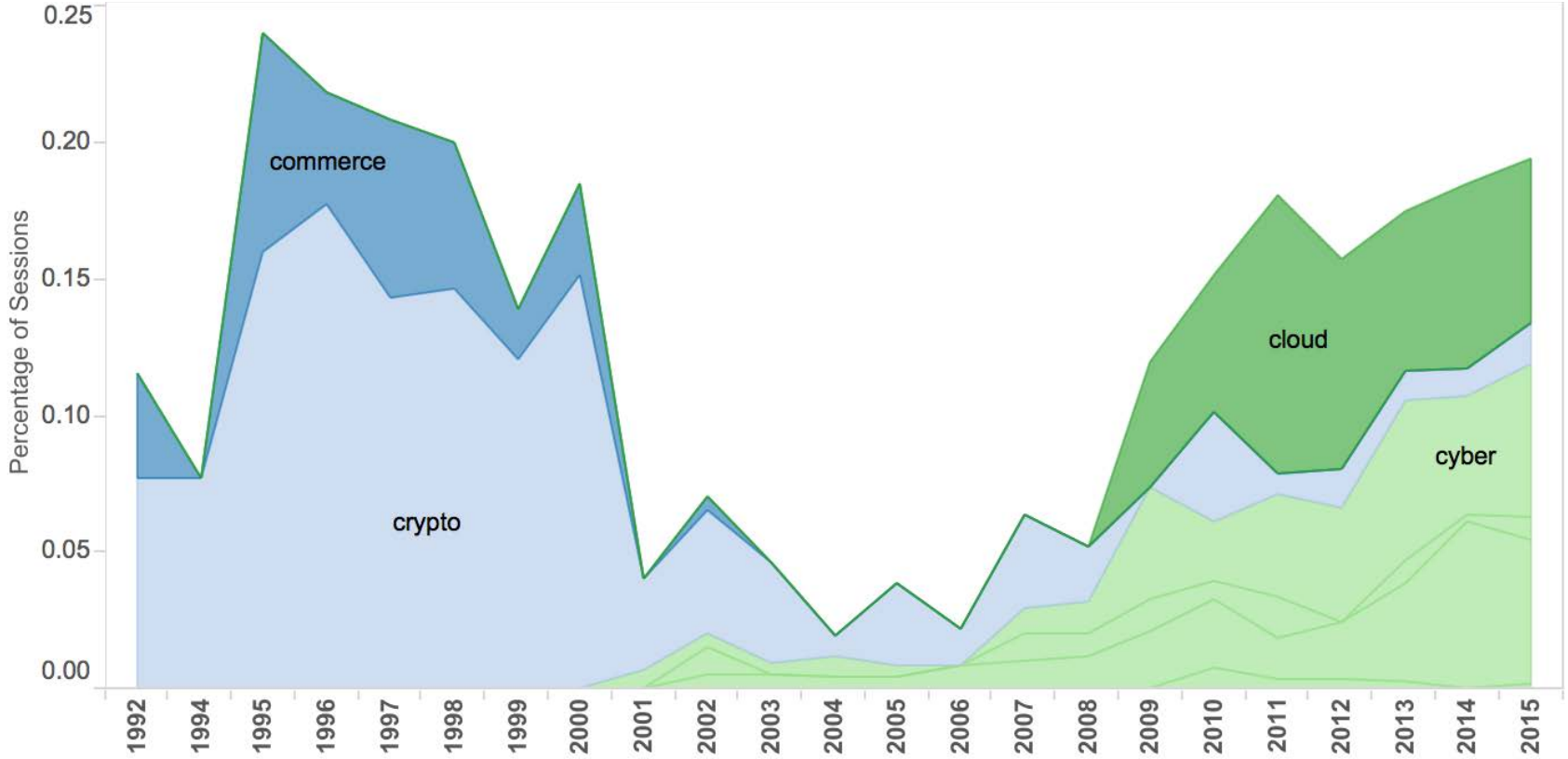
Security Architecture Edition

- "Securing the Identity Intelligence: An Integral Part of Signal Intelligence"
- "Integrated Registration Problem: Lessons Learned"
- "Delivering an Update: New Attack Techniques and Potential In Advance Security Investments"
- "Behind Enemy Lines: Security in a Hostile Environment"

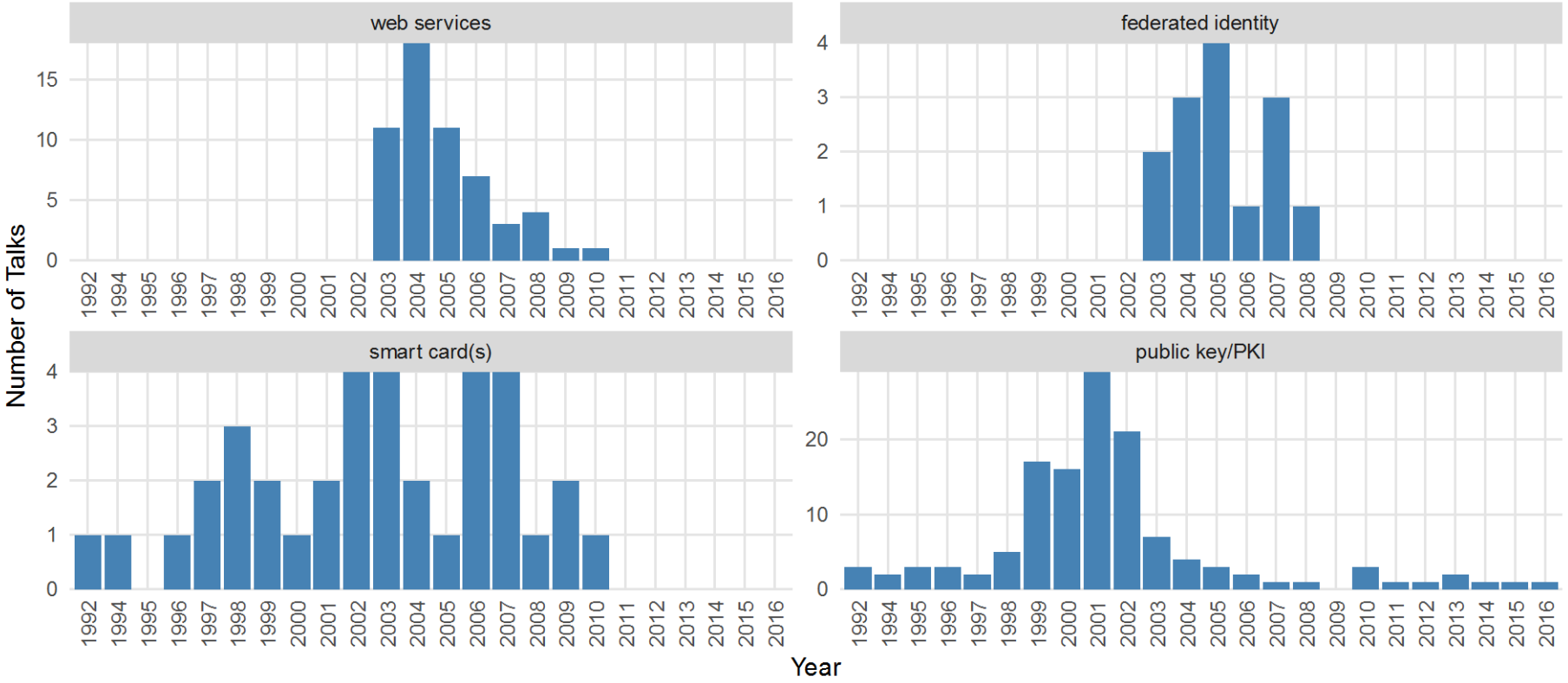


Hot Trends & Has Beens

Cyber is hot, crypto is not



A moment of silence, please…



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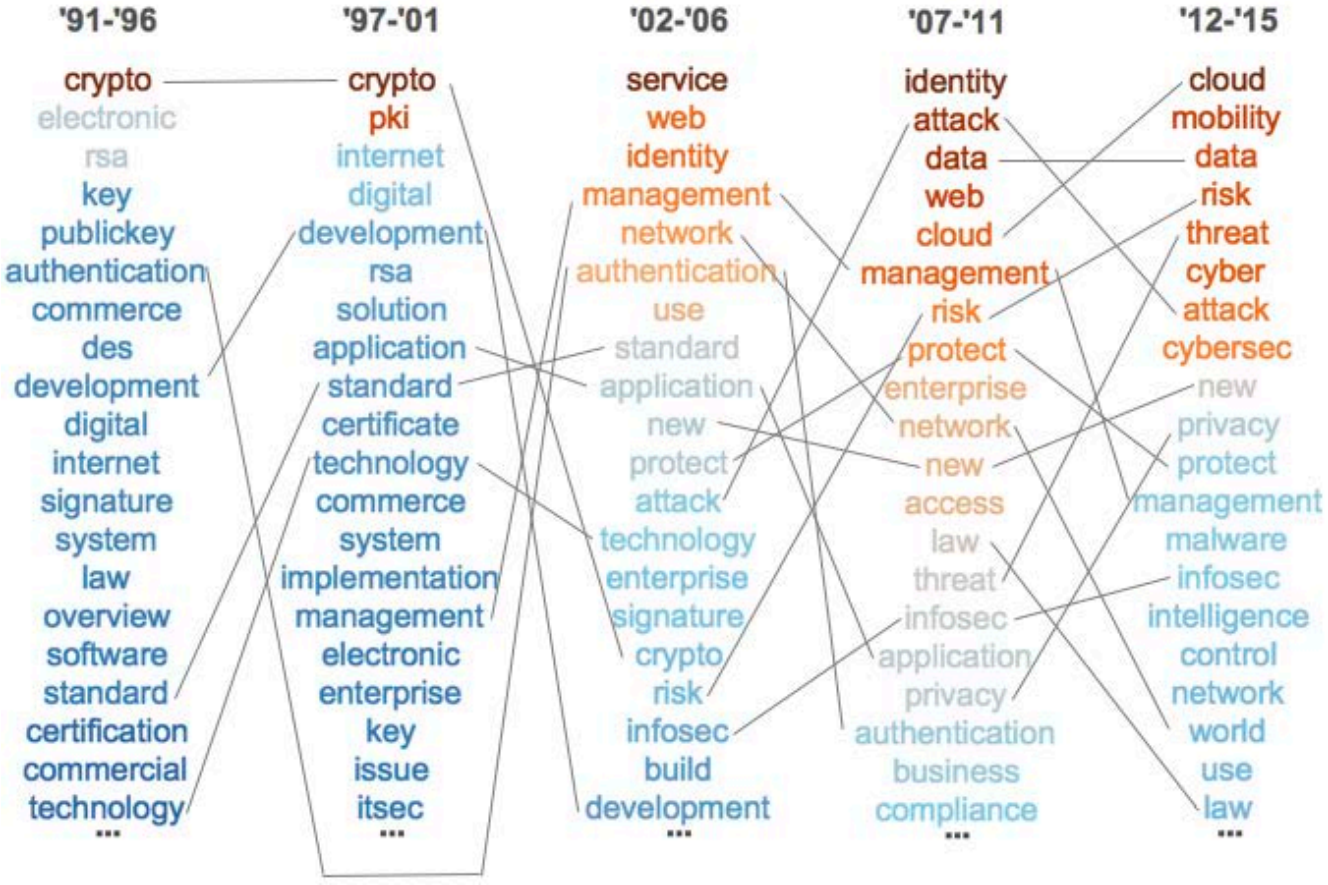
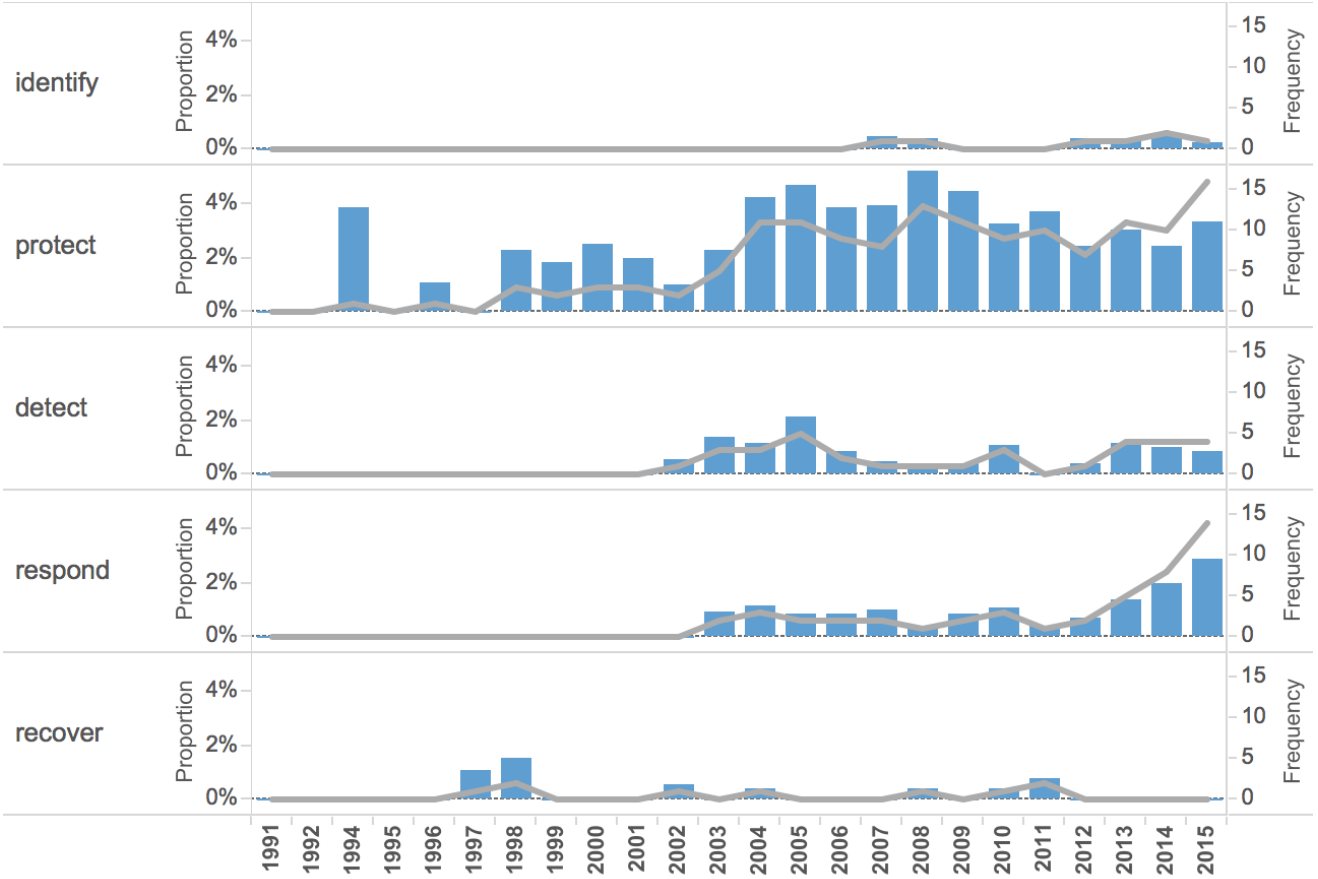
That cyber-word you keep using…

abuse
adversaries
alarm
attack
battle
battlefield
bomb
breach
bullying
buzzword
cash
catastrophe
challenge
coin
cold
conflict
cop
crime
criminals
crisis
crooks
csi
defense
divide
dominance
ecosystem
environment
espionage
event
exercise
exercises
experts
exposure
firefights
forensics
fraud
front
fusion
gangs
geddon
guardians
identity
incident
incidents
insurance
intelligence
issues
jihad
kill
legislation
mercenary
notary
officials
operations
panel
policies
policy
predator
punk
ranges
ratings
related
response
risk
risks
safety
scenario
secrets
security
shock
situational
skills
space
spying
Stalking
storm
strategy
stress
talent
technologies
terrorism
terrorist
terrorists
theft
threat
threats
vigilante
war
warfare
warrior
warriors
wars
weaponry
winter
wisemen
workforce
world

Here's one for the ages



To protect and serve



5 security functions defined in the Cybersecurity Framework

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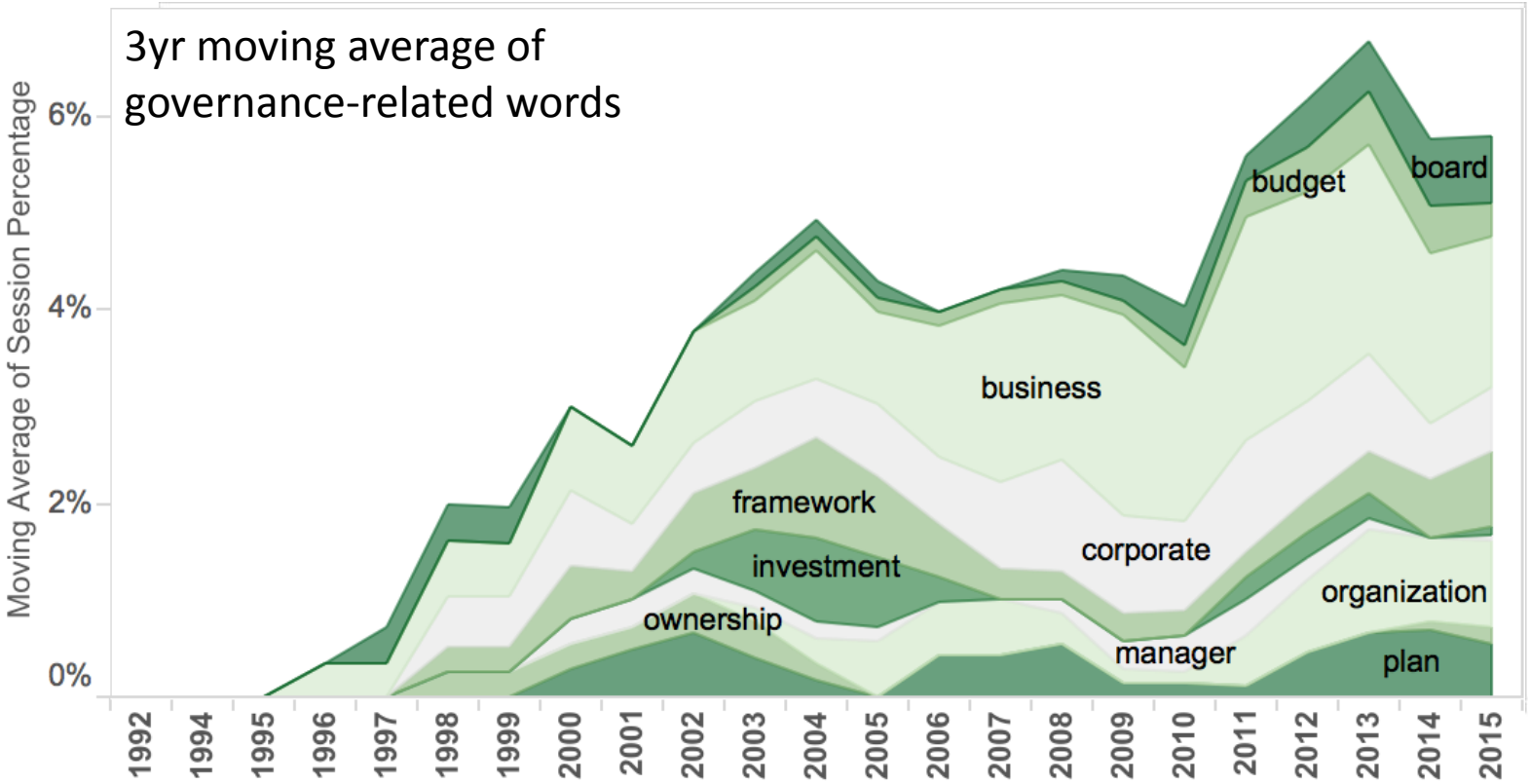
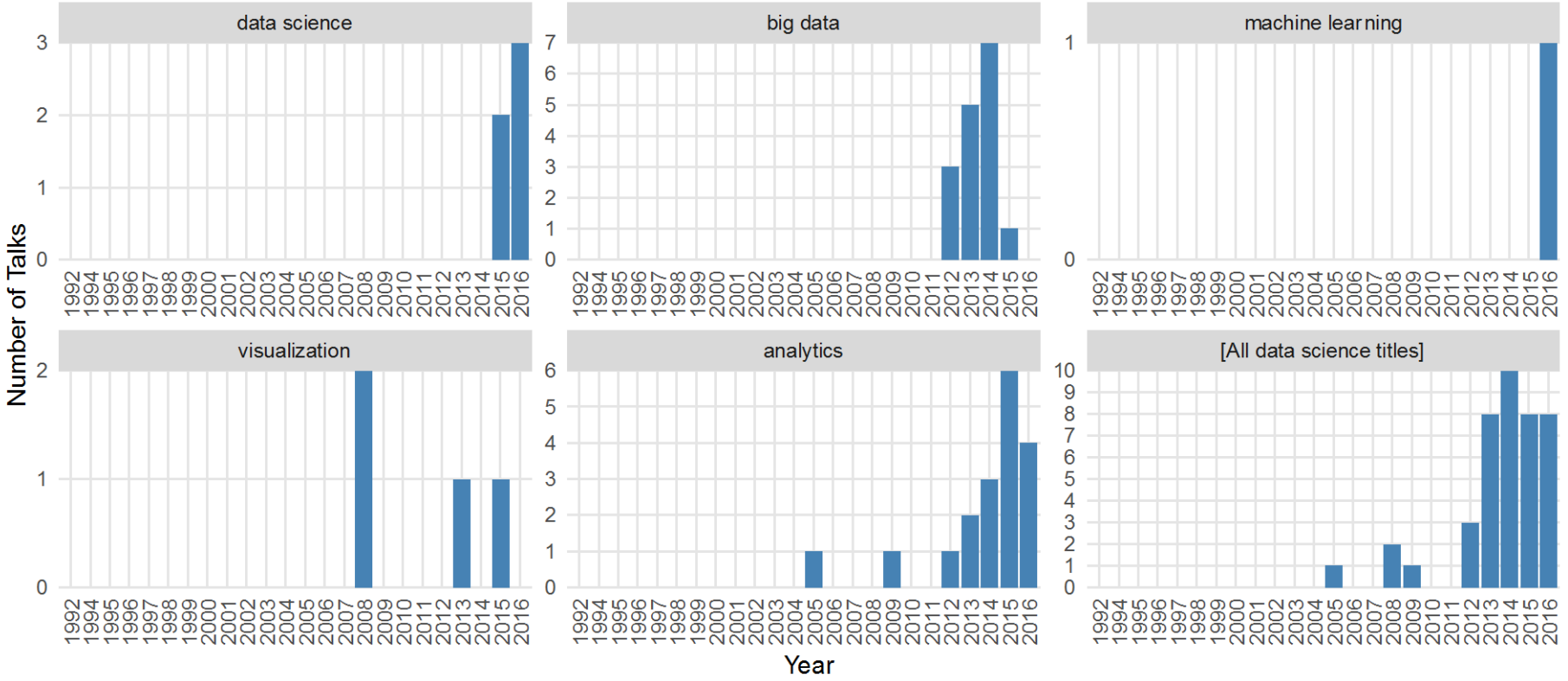
Governance for the people by the people



The Future?



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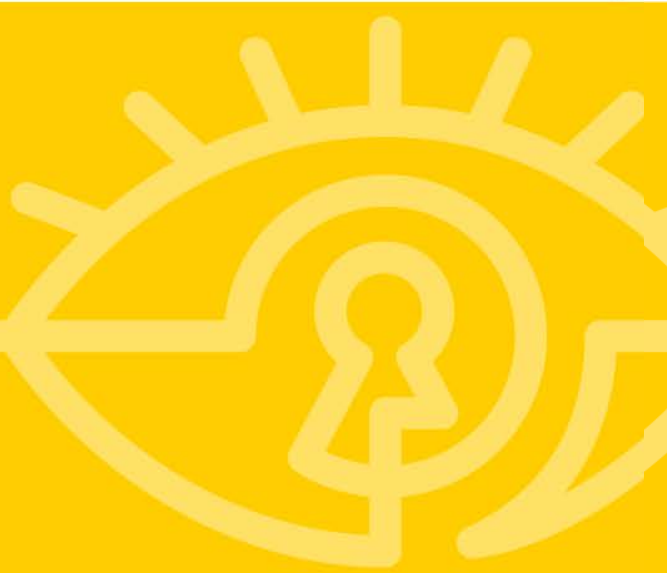


Intermission: "One of these things" Round 2

One of these Things

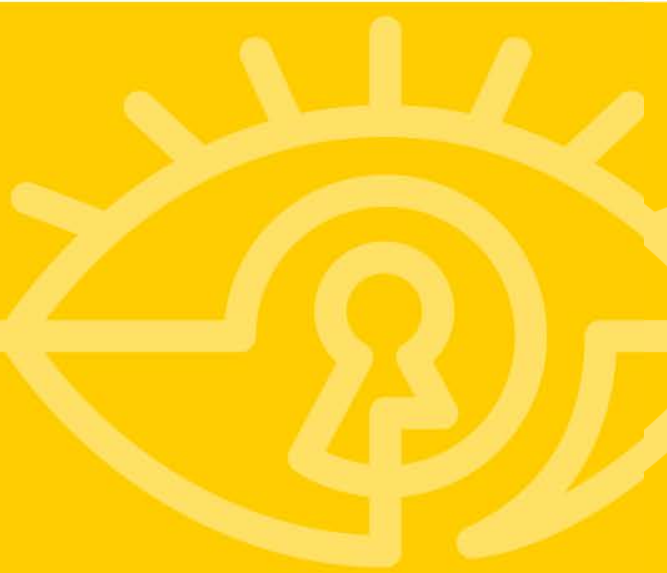
Legal, Policy and Compliance Edition

- "FBI Cyber: Leading Globally"
- "Information Security Threats: 1988-2012"
- "Islands of Security Controls on the Cybersecurity Policies"
- "Computer-generated Liability: One Day of Advanced AI in Ethics"

One of these Things

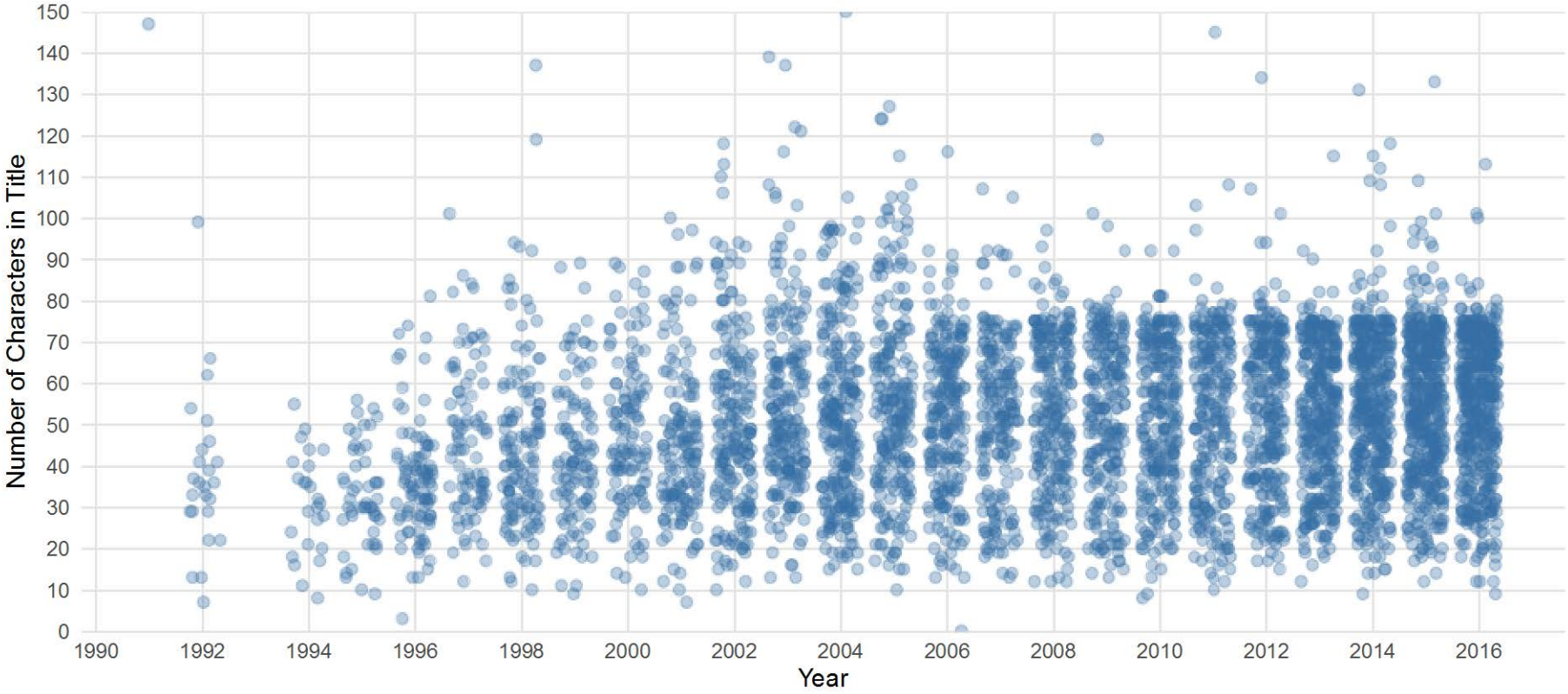
Industry Case Studies Edition

- "Stock Exchanges: Who Played With Computers' Telecommunication and Security Transaction Authority Liability"
- "Defending the VPN Deployment Platform with Security Intelligence to Maintain Control"
- "A Tale of Two Mocks: a Deep Dive into Issues Raised"
- "SCADA Security and Civil Liberties Oversight"



So ya wanna talk at RSAC?

How long should my title be?



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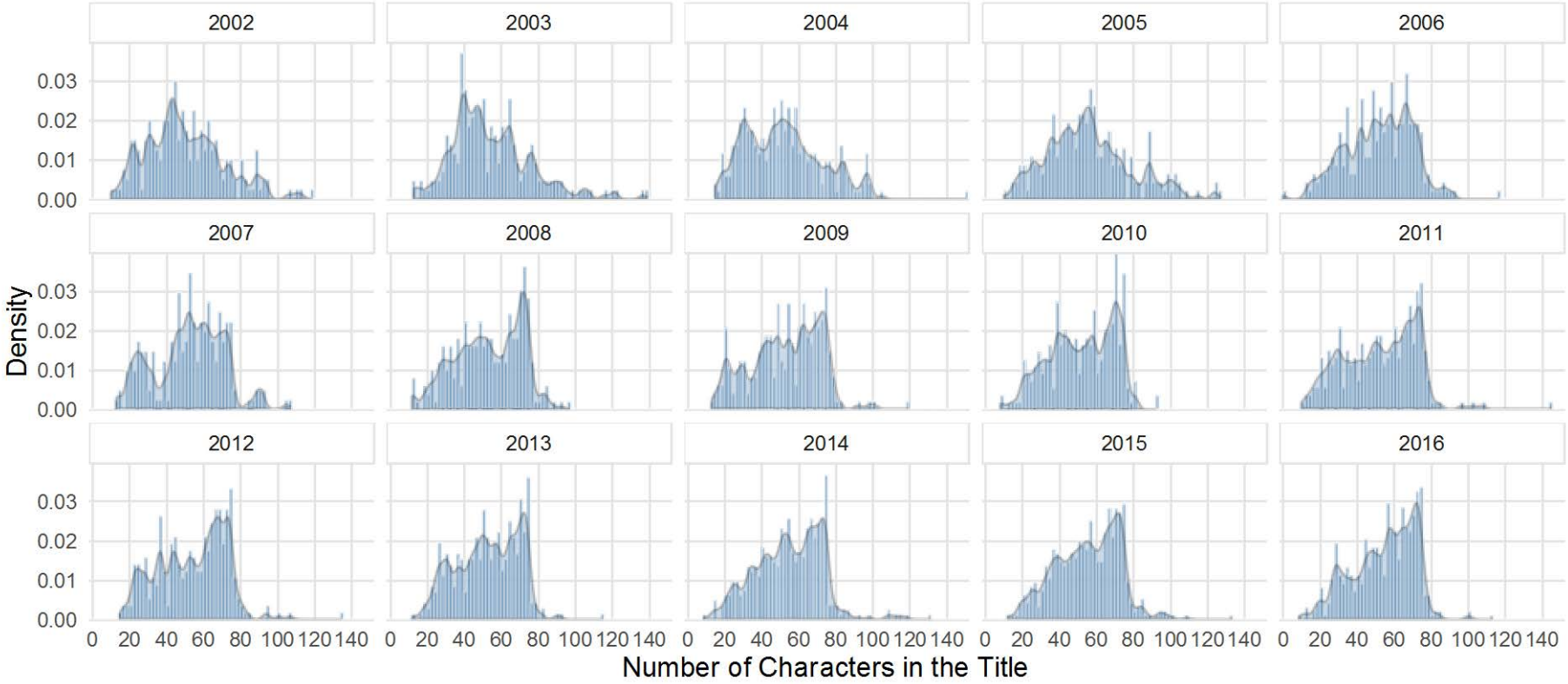
How long should my title be?



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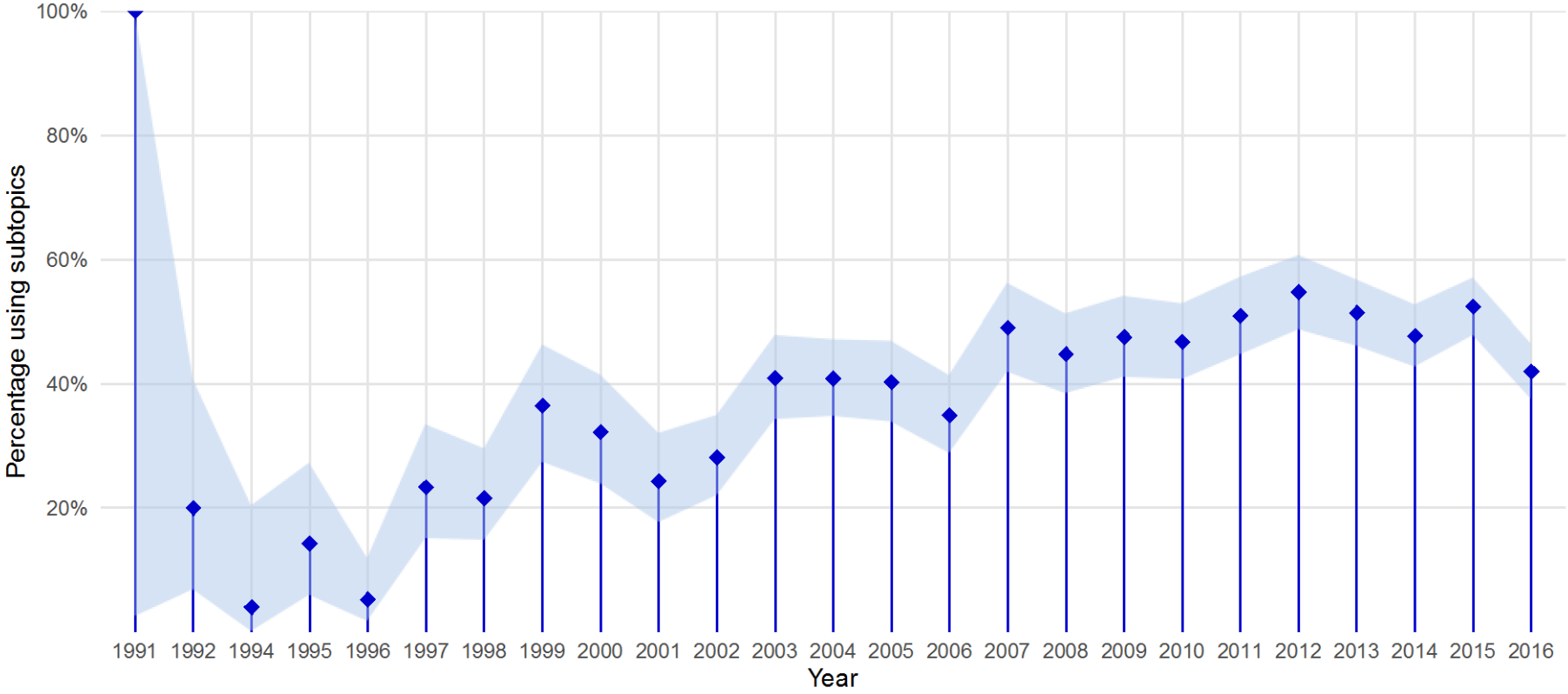
Should I use a subtitle?



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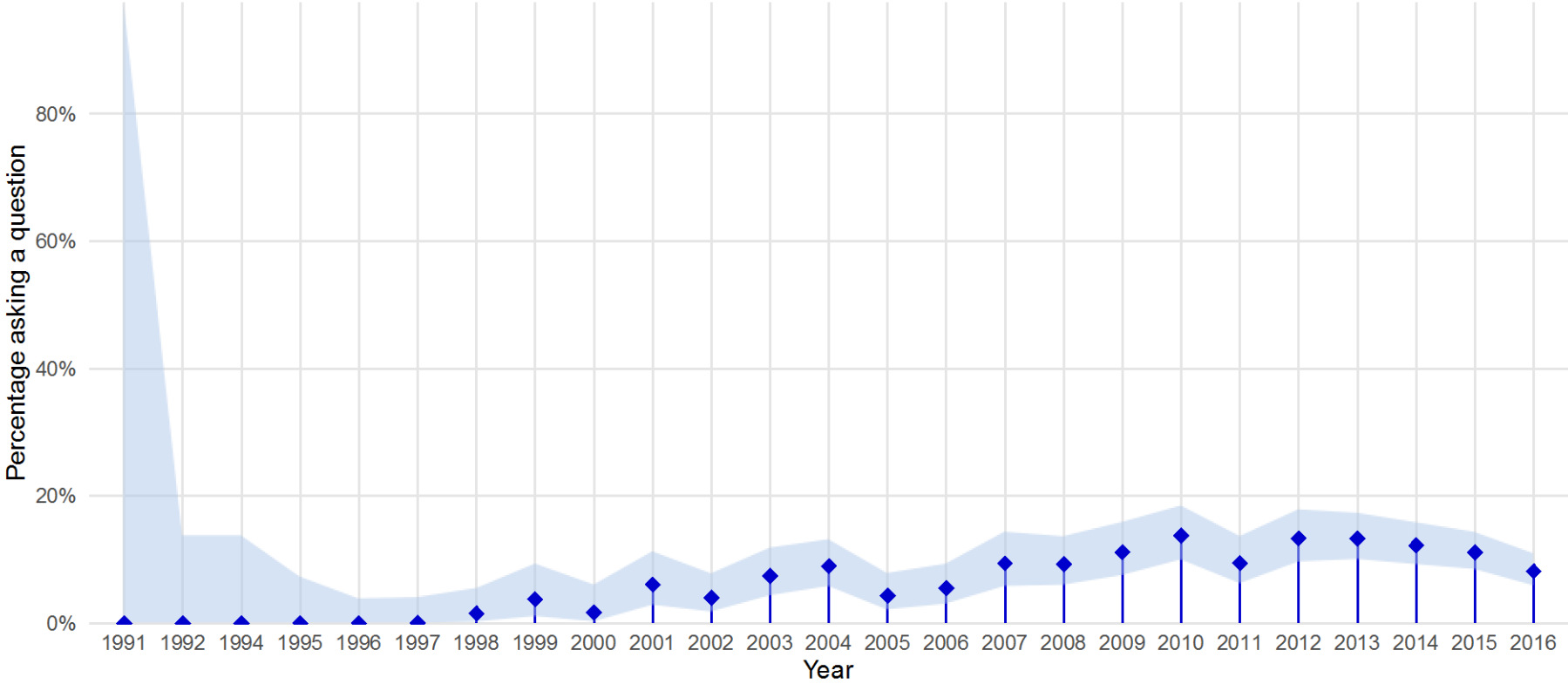
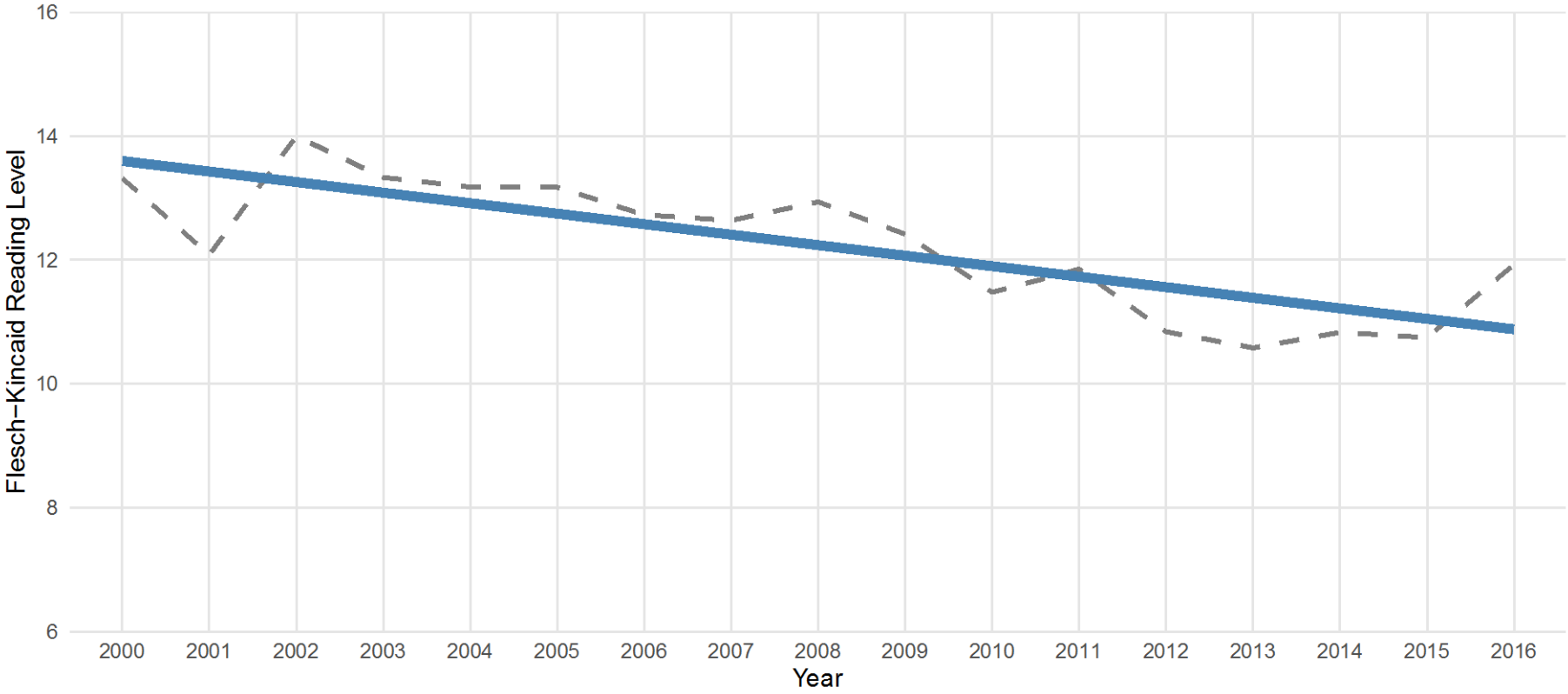
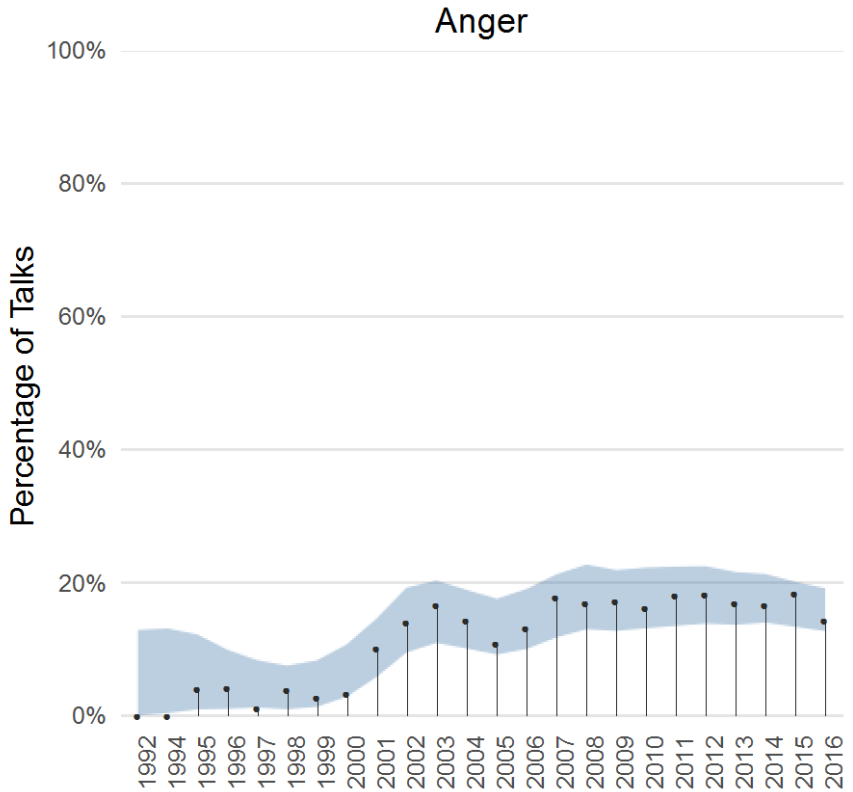
Should I ask a question?

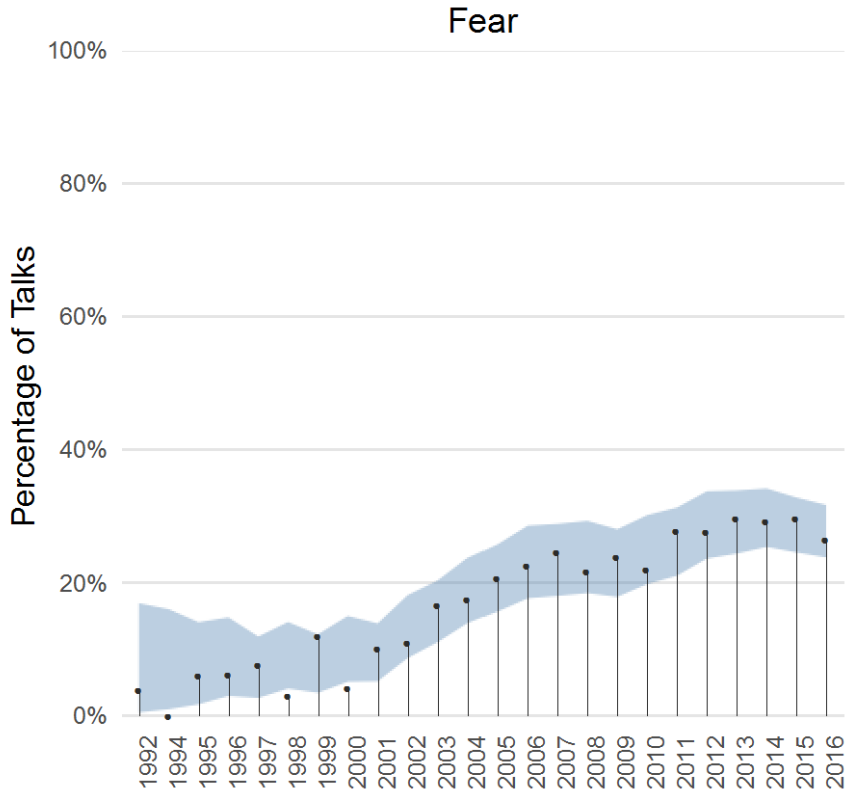


Do I need to sound all highfalutin?

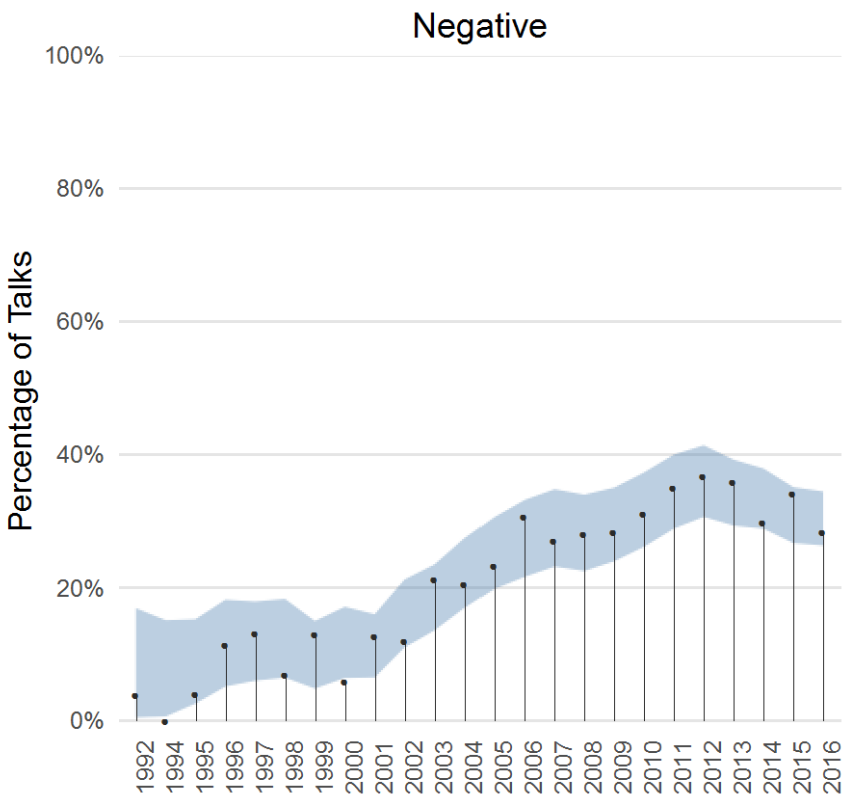


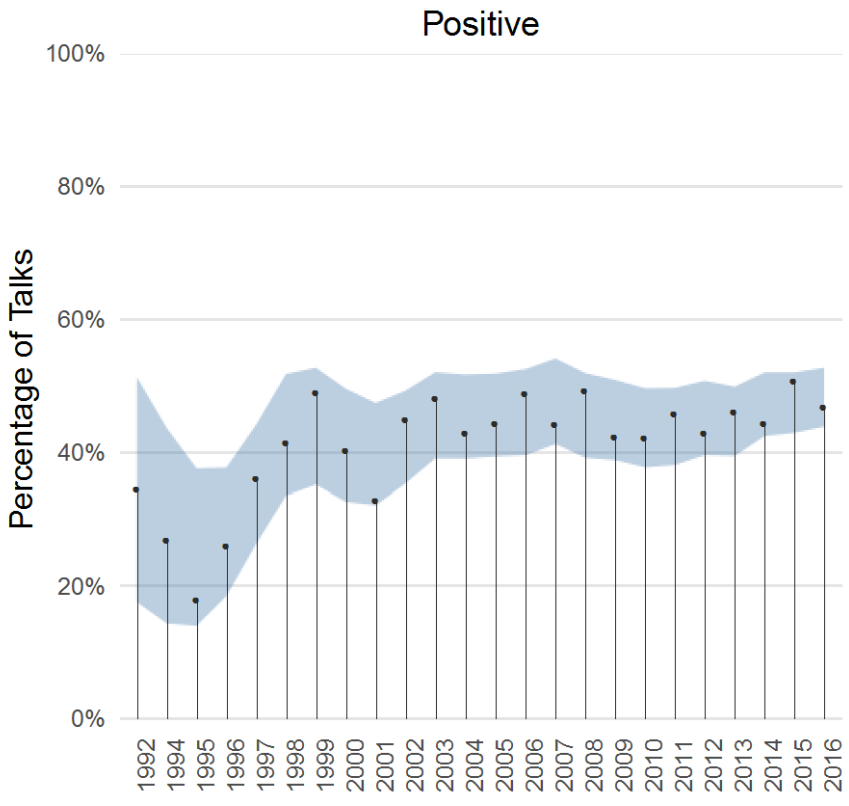
Should I give in to my anger? Is fear the path to the B-Sides?





Should I accentuate the positive? Eliminate the negative?





That's All, Folks

Fun Fact:

The phrase **"thank you"** has never appeared in an RSA Conference title.

Thank **you** for attending this panel, and thanks as well to the **many people** who have worked hard over the years to make RSAC what it is today.

One of these Things

Markov Chain Bloopers!!

- "Beware the Industry: I've Already"
- "Passwords: Is it When Cryptography?"
- "Trojan Horse: 2015 DBIR"
- "Money: The Popular PKI"
- "Turning Security: What Happens Now”
- "Phishing, Spoofing and Professionalism”
- "Security in a Network-wide Approach to the Next Cybergeddon”