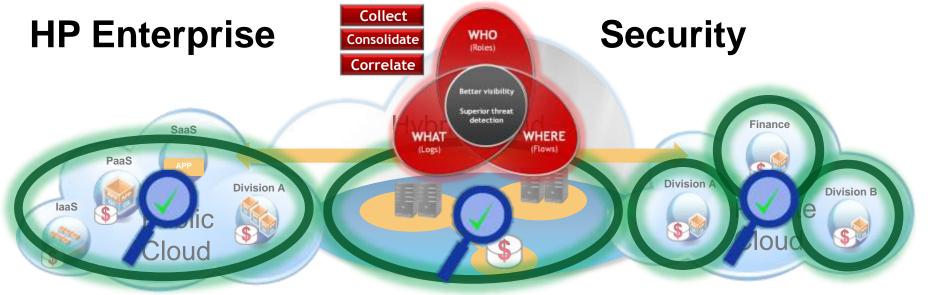


Security Analytics in Big Data

Alexandre F Moraes, CISSP

Solutions Architect Manager Latin America HP Enterprise Security afmoraes@hp.com









- Vulnerability Scanning
- Source Code Analysis
- Software Security Assurance



M TippingPoint

- Proactive Defense

- Flexible Security-Zone Segmentation
- Well-Known- and Zero-Day-Exploit Protection
- Adaptive Network Defense





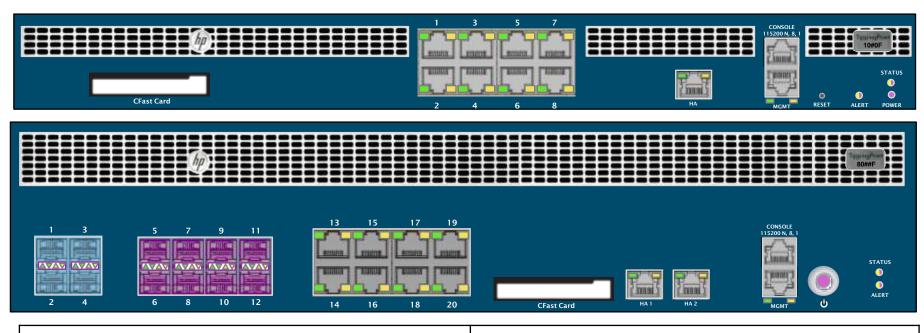
- Visibility

- Security-Information and Event Management System
- Event Correlation
- Context-Visibility



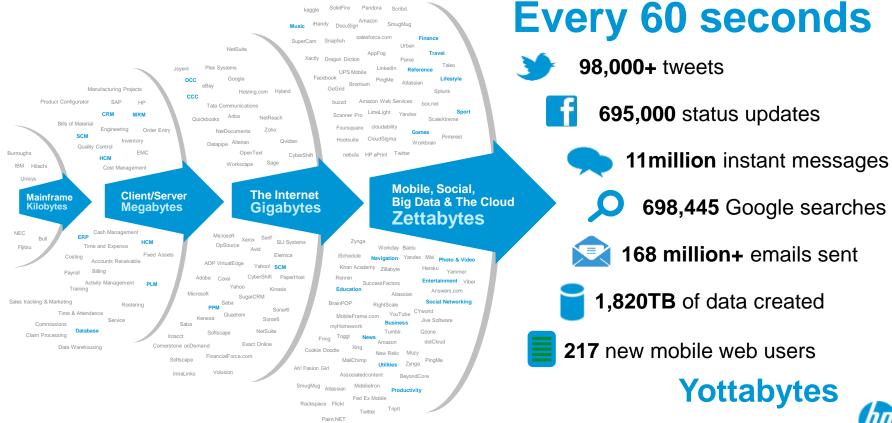


New! NGFW



S1050F – 500Mbps / 250Mbps (FW+AppID / FW+IPS)	S8005F – 5Gbps / 2.5Gbps (FW+AppID / FW+IPS)
S3010F – 1Gbps / 500Mbps (FW+AppID / FW+IPS)	S8010F – 10Gbps / 5Gbps (FW+AppID / FW+IPS)
S3020F – 2Gbps / 1Gbps (FW+AppID / FW+IPS)	S8020F – 20Gbps / 10 Gbps (FW+AppID / FW+IPS)

Accelerating innovation & time to value

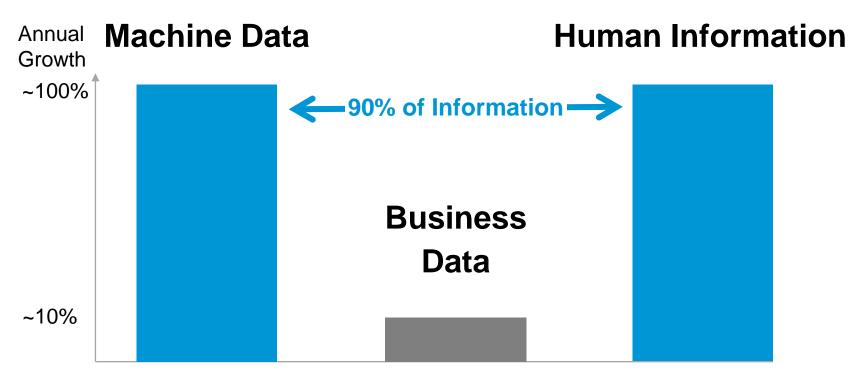


Big Data

- Walmart: 1 Million of Transactions per Hour: 2.56 Terabytes / day
- Facebook: 50 Billions of pictures in the database
- 50 % of the data is non structured: video, images, audio...



Big Data landscape





Business challenge Opportunities lost

Competitive advantage in the digital universe in 2012

Massive amounts of useful data are getting lost

% of data that would be potentially useful IF tagged and analyzed





% actually being tagged for Big Data Value (will grow to 33% by 2020)

0.5%

% of the Digital Universe that actually is being tagged and analyzed



Technology challenge Legacy techniques have fallen short.



Stale technologies





Talent shortage



Lack of insight

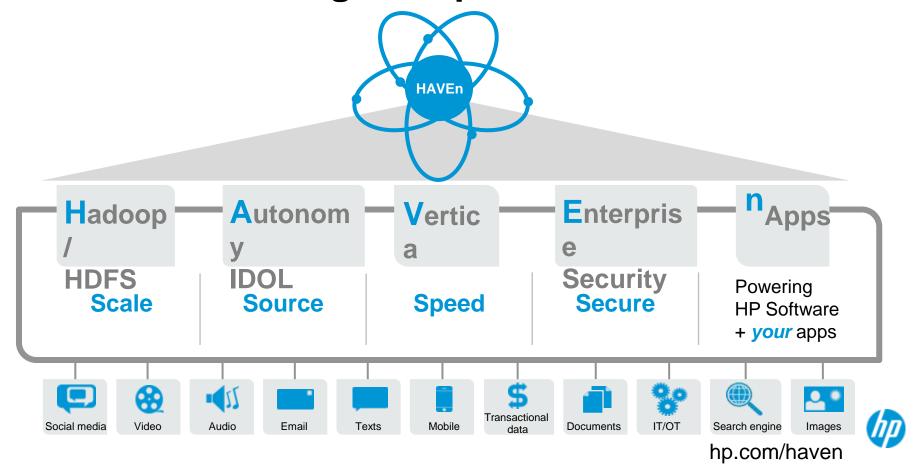
86%

of corporations **cannot** deliver the right information, at the right **time** to support enterprise outcomes all of the time³

³Source: Coleman Parkes Survey Nov 2012



HAVEn – the #1 Big Data platform





Turning events & logs into actionable intelligence

Powered by HP HAVEn

Harness the power of ArcSight SIEM and Vertica Analytics

- Reduce false positives
- Minimize impact of security breach
- Transform security from defense to proactive protection



Hadoop

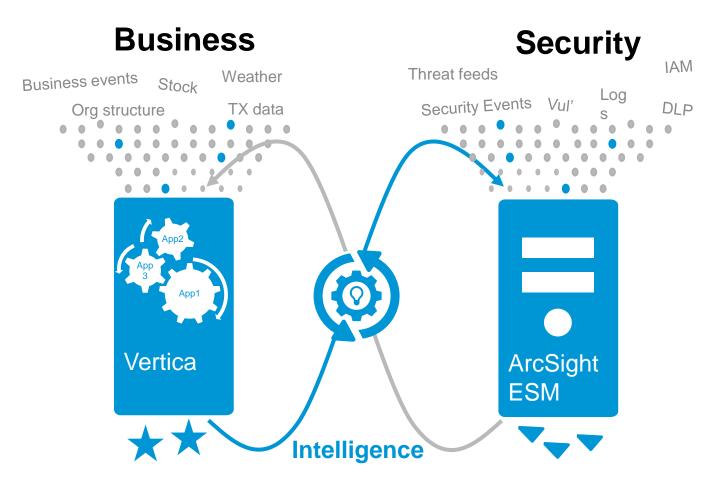
Autonomy

Vertica

Enterprise Security

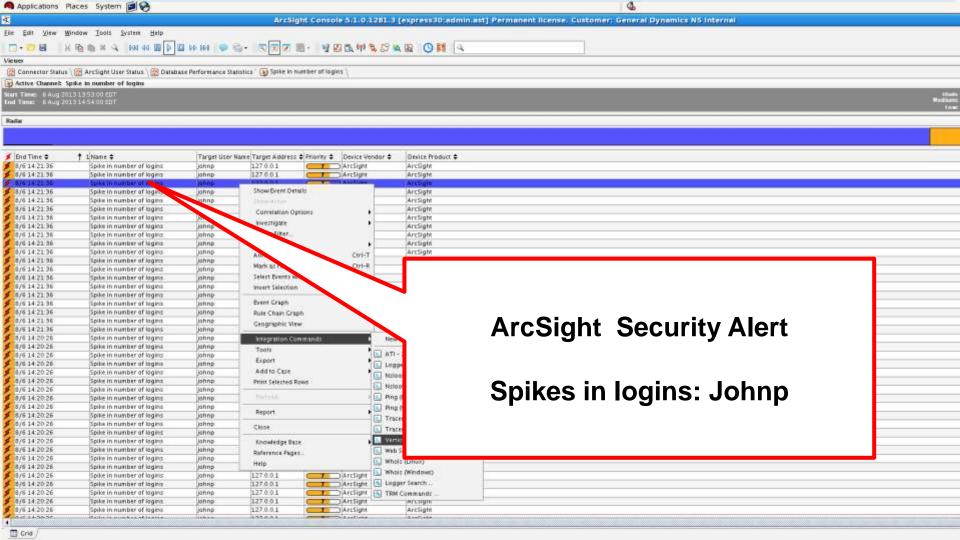
n-Apps

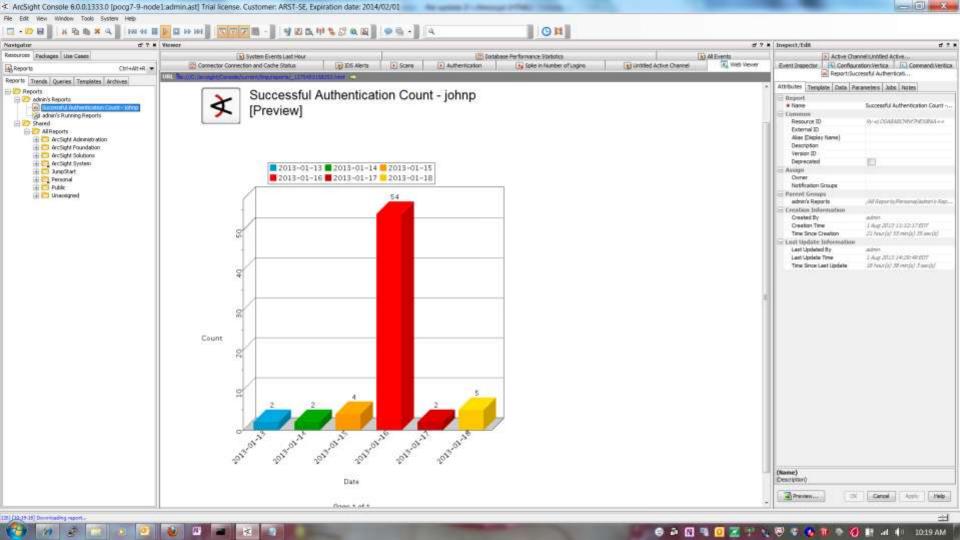


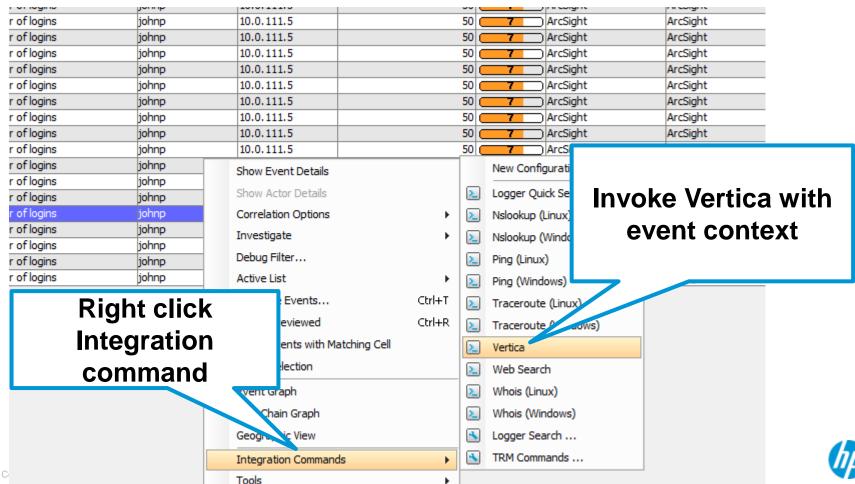


Events + context + analytics

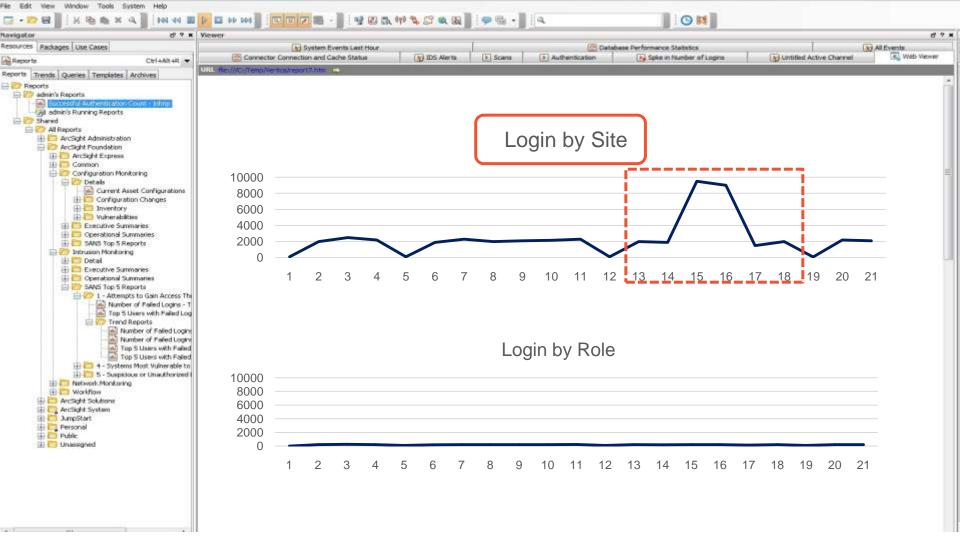














Detecting Information Leakage

Powered by HP HAVEn

Harness the power of ArcSight SIEM and Autonomy IDOL

- Distill meaning and make decisions based on it, not just match keywords or tags
- "judge" events based on their context



Hadoop

Autonomy

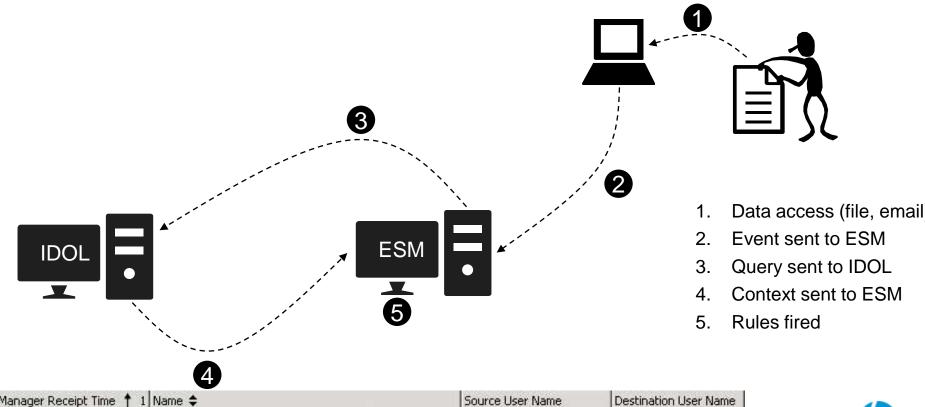
Vertica

Enterprise Security

n-Apps



Sample Usecase: Detecting Information Leakage



Jameson Jones

Jameson Jones

Jameson Jones

IDOL - Potential loss of Mergers data - Proximity: 57.02

IDOL - Potential loss of Research data - Proximity: 51.15

IDOL - Potential loss of HR data - Proximity: 60.08

Sep 2012 15:29:30 PDT

Sep 2012 15:29:30 PDT

2 Sep 2012 15:29:30 PDT

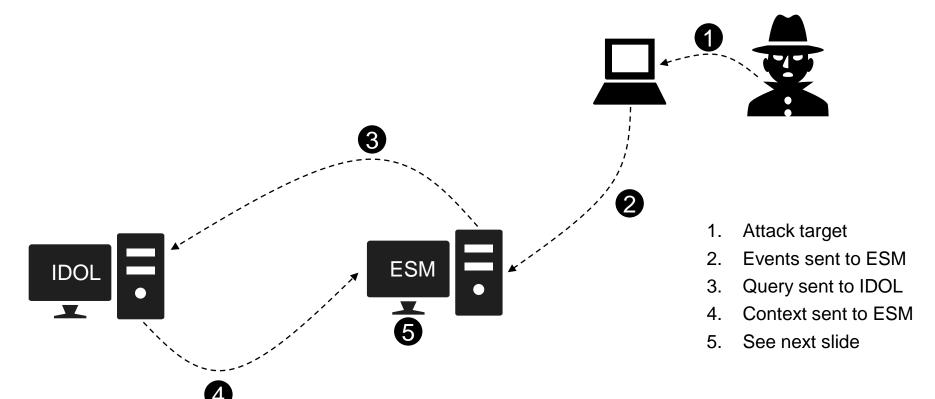


peter.chambliss@gma...

peter.chambliss@gma...

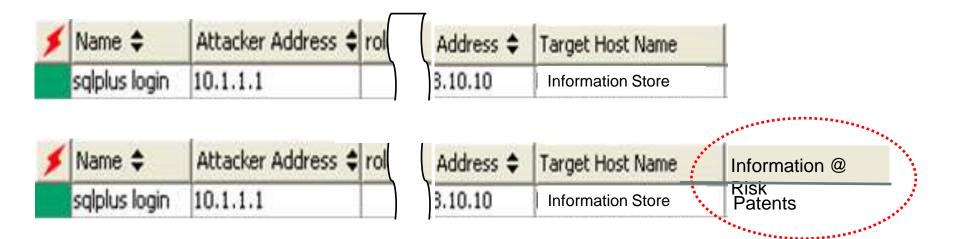
peter.chambliss@gma...

Sample Usecase: Information at Risk





Sample Usecase: Data under Attack (cont')





Sample Usecase: Threat Monitoring through Sentiment Analysis

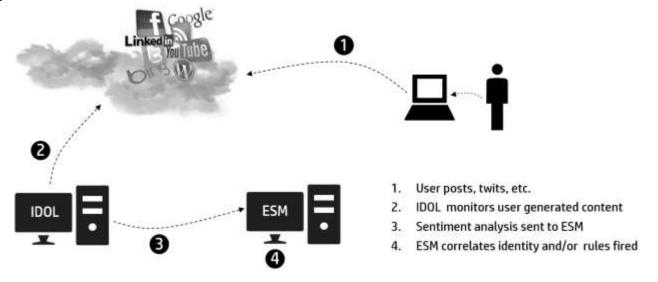
- Intelligence has a long history of providing pivotal information to decisionmakers
- Monitoring the spiraling amount of user generated content on the internet (social media) and analyze it for sentiment



Kobalt Systems is infringing upon their employees' rights by monitoring every action on the network. We should teach them a lesson: DDOS



Sample Usecase: Threat Monitoring through Sentiment Analysis



*	End Time \$	Device Product \$	Name \$	Sentiment	Social Media Website
Ø	14 Feb 2013 07:47:41 PST	ArcSight	Social Media - Hacktivist (DDOS) Threat	Negative	http://twitter.com/hakdplnt/statuses/301054906566066177
1	14 Feb 2013 07:47:41 PST	ArcSight	Social Media - Insider Threat	Negative	http://www.glassdoor.com/Reviews/Employee-Review-
1	14 Feb 2013 07:47:41 PST	ArcSight	Social Media - Hacktivist Threat	Negative	http://twitter.com/hakdplnt/statuses/301085122676002816
1	14 Feb 2013 07:47:41 PST	ArcSight	Social Media - Hacktivist Threat	Negative	http://twitter.com/hakdplnt/statuses/301061389127122945
1	14 Feb 2013 07:47:41 PST	ArcSight	Social Media - Hacktivist Threat	Negative	http://twitter.com/hakdplnt/statuses/301054906566066177
\$	14 Feb 2013 07:47:41 PST	ArcSight	Social Media - Hacktivist Threat	Negative	http://twitter.com/YourAnonNews/statuses/299182747463872512
1	14 Feb 2013 07:47:41 PST	ArcSight	Social Media - Hacktivist Threat	Negative	http://twitter.com/YourAnonNews/statuses/299159456149815296



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