

Digitale sårbarheter og tillit til teknologi

Forsikringskonferansen 24. januar

Kristine Beitland,

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Microsoft Norge, #KBeitland





Nye muligheter...

“...we’re not just counting driving events for covered vehicles. We actually monitor position, speed, acceleration, and other factors at every second of every journey for every vehicle. We integrate granular environmental data. And we run analytics that are more sophisticated—and more predictive—than those of competitors, which make them more valuable to insurers.”, says Andy Lingard, Global Leader of General Insurance Software Development at Towers Watson.





...og nye sikkerhets og personverns
utfordringer?

Agenda

- Hvorfor er sikkerhet så viktig?
- Hvilken betydning har hendelser?
- Hva er de viktigste sårbarhetene i finansnæringen?
- Hva er hovedanbefalingene til Sårbarhetsutvalget?
- Hva gjør Microsoft for sikre kunden?

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Hvilken betydning har hendelser?

26. august 2016

20. august 2016

22. juli 2016

15. juli 2016

21. januar 2015

**POLÍCIA
FEDERAL**



7. januar 2015

CHARLIE HEBDO

POLICE



Los Angeles Times

Technology Now

The business and culture of our digital lives



Microsoft handed FBI data on Charlie Hebdo probe in 45 minutes



Los Angeles Times

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Mars 2016

Here's How Hackers Stole \$80 Million from Bangladesh Bank

Monday, March 14, 2016 Swati Khandelwal

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HOW HACKERS STOLE \$80 MILLION



The recent cyber attack on Bangladesh's central bank that let hackers stole over \$80 Million from the institutes' Federal Reserve bank account was reportedly caused due to the **Malware** installed on the Bank's computer systems.

Few days ago, [reports emerged](#) of a group of unknown hackers that broke into Bangladesh's central bank, obtained credentials needed for payment transfers from Federal Reserve Bank of New York and then transferred large sums to fraudulent accounts based in the Philippines and Sri Lanka.

Juli 2016

The EU-US Privacy Shield

DN 11.7.16: Privacy Shield skjermer norsk personvern

Den nye avtalen for kommersiell datautveksling mellom USA og EU er endelig vedtatt. Avtalen setter en ny standard for personvernet på nett, skriver Abelia og Microsoft.



Mars 2016 og januar 2017

Vox TECHNOLOGY

The FBI just unlocked Syed Farook's iPhone without Apple's help. Here's why that matters

Updated by Timothy B. Lee on March 29, 2016, 11:50 a.m. ET tim@vox.com

TWEET SHARE (648)

"For years, cryptologists and national security experts have been warning against weakening encryption."



After weeks of the FBI insisting that only Apple could enable it to access encrypted data on the iPhone of **San Bernardino terrorism suspect Syed Farook**, the law enforcement agency says it doesn't need Apple's help after all.

We don't know *how* the FBI managed to break the device's encryption after weeks of insisting that it could do so only with Apple's help. The government has said it received assistance from a third party, but it has refused to identify that organization or the techniques that were used.

E-sjefen: Frykter dataangrep mot stortingsvalget

**** Derfor vil E-tjenesten ha digitalt grenseforsvar**
**** Sterk motstand mot nytt overvåkningsverktøy**



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NOU

Norges offentlige utredninger 2015:13

Digital sårbarhet – sikkert samfunn

Beskytte enkeltmennesker og samfunn i en digitalisert verden



Hovedfunn – sårbarheter

- Lange og uoversiktlige verdikjeder
- Avhengigheten av ekom og kraft
- Formidle kapital nasjonalt og internasjonalt
- Sikre befolkningens tilgang til betalingsløsninger
- Sikre betalinger og andre finansielle transaksjoner
- Sikker og stabil drift av finansielle registre
- Kommunisere med befolkningen om kritiske hendelser
- Særskilte personvernutfordringer

Anbefalinger

- Kryptering må ikke reguleres eller forbys
- Balanse mellom personvern og nasjonal sikkerhet er viktig
- Styrke innsatsen på vurdering av fremtidige betalingstjenester
- Videreføre tverrfaglig samarbeid for god beredskapsevne og håndtering hendelser
- Analysere sårbarhetskonsekvenser ved utkontraktering
- Videreføre og styrke engasjementet for å påvirke internasjonal regulering
- Styrke beredskapstiltak for utviklingen mot det kontantløse samfunnet



Hva gjør vi og hvorfor?



“Our customers and society expect us to maximize the value of technology while also preserving the values that are timeless.”

-Satya Nadella

- **Nasjonal sikkerhet**
- **Respekt for suverenitet**
- **Personvern og ytringsfrihet**
- **Åpent marked og globalt nettverk**



Forpliktelser til kundene...

Våre sky forpliktelser

- ➔ Vi sørger for å sikre dine data
- ➔ Du eier og kontrollerer dine data
- ➔ Vi forvalter dine data i henhold til loven
- ➔ Du vet hva vi gjør med dine data

MICROSOFT DIGITAL CRIME UNIT



ÅPENHET



<https://www.microsoft.com/about/csr/transparencyhub/>

PERSONVERN

Microsoft's Enterprise Cloud Services Get A Privacy Thumbs Up From Europe's Data Protection Authorities

Posted Apr 10, 2014 by [Ingrid Lunden](#) (@ingridlunden)

1,252 SHARES        



Microsoft is no stranger to European regulation, own practices and security. The hook more lightly good news for Redmond authorities (DPAs) of states have decided to cloud services meet it makes Microsoft Azure Dynamics CRM and V

services to get such approval.

The privacy decision was made by the "Article 29 Data Protection" that this will mean that Microsoft will not have to seek approval on enterprise cloud contracts.

In its letter to Microsoft (embedded below), chair Isabelle Falque Agreement, as it will be modified by Microsoft, will be in line with 2010/87/EU... In practice, this will reduce the number of national

CLOUD CLOUD MANAGEMENT SECURITY SECURITY MANAGEMENT

Microsoft Azure Wins The Race To New Privacy Standard

Ben Sullivan, February 16, 2015, 6:25 pm



 13  39  4  103  No Comments

Microsoft Azure becomes first major cloud provider to adopt ISO/IEC 27018 certification

Microsoft Azure is the first cloud provider to meet the ISO/IEC 27018 certification, set by the International Standards Organisation.

"Today marks a major milestone," wrote Brad Smith, executive VP for Microsoft's legal affairs team on a blog post detailing the news.

The standard was issued in July 2014 with the aim to "establish commonly accepted control objectives, controls and guidelines for implementing measures to protect Personally Identifiable Information (PII) in accordance with the privacy principles in ISO/IEC 29100 for the public cloud computing environment"

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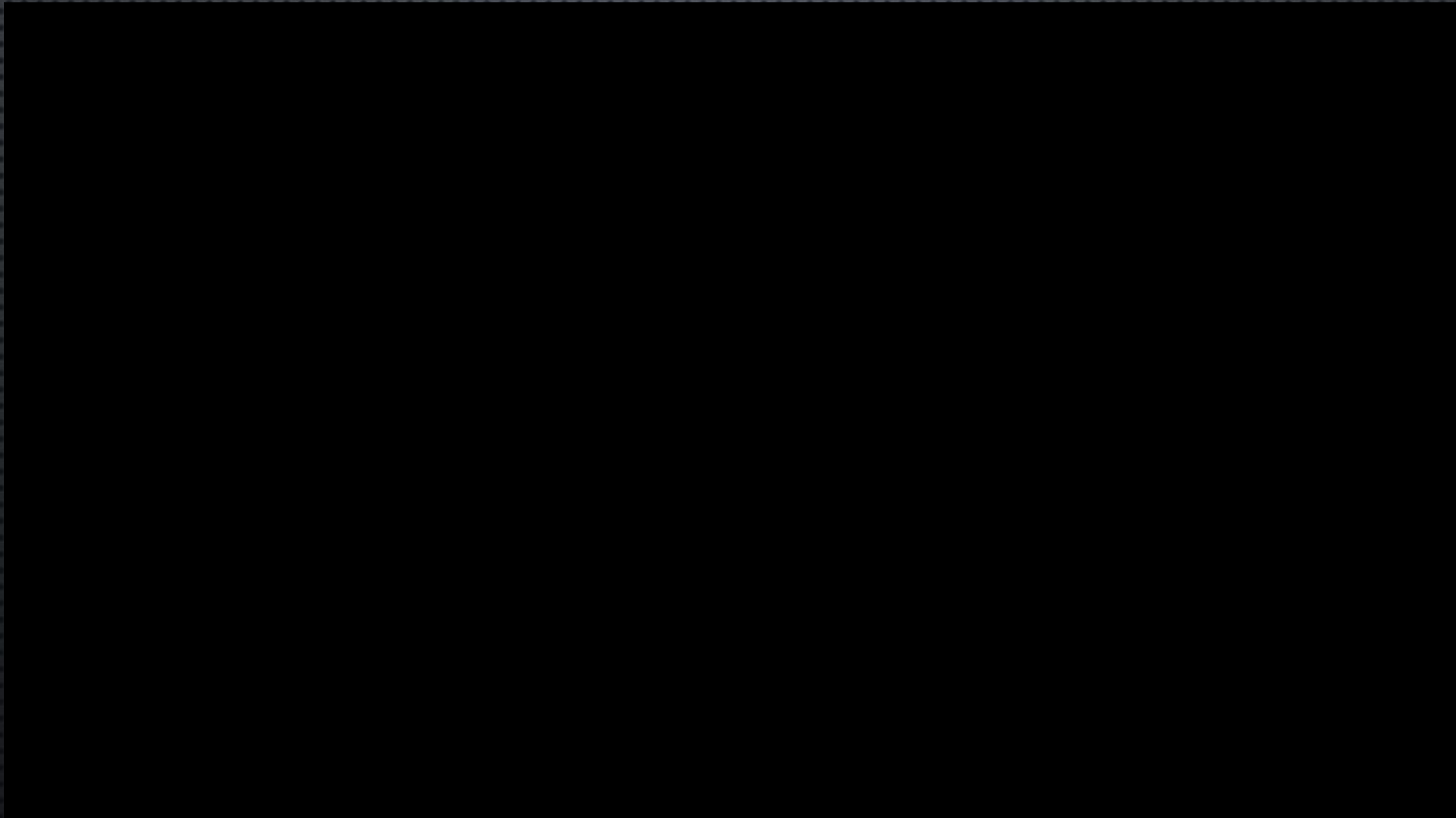
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N.Y. WARRANT SAKEN



Let's recap....



