



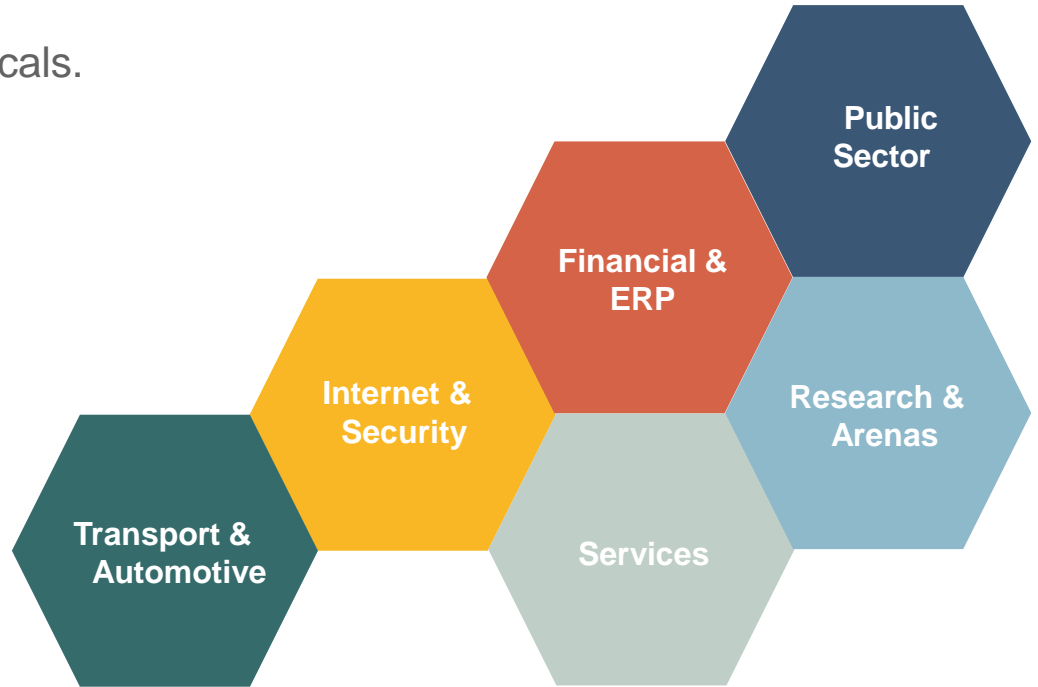
West Sweden – A guide to the terrain in **Cybersecurity**



BUSINESS REGION
GÖTEBORG

Cybersecurity is needed all over our society

We find applications in almost all verticals.



New threats

Facebook overhauls privacy settings following Cambridge Analytica scandal

Swedish authority handed over 'keys to the Kingdom' in IT security slip-up

Orbitz says a possible data breach has affected 880,000 credit cards

US & WORLD \ TECH \ CYBERSECURITY

Boeing production plant hit with WannaCry ransomware attack

The widespread and devastating cyberattack reportedly from North Korea has hit a Boeing plant in Charleston

2

Connectivity

Six Cyber Threats to Really Worry About in 2018

From AI-powered hacking to tampering with voting systems, here are some of the big risks on our radar screen.

TECH \ CYBERSECURITY \ BITCOIN

Cryptojacking rates increased by 85 times in Q4 2017 as bitcoin prices spiked: report

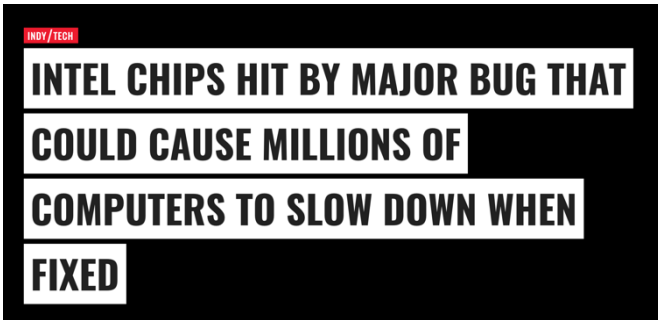
Where the money is, the thieves will follow



Yet more threats

Cisco warns 500,000 routers have been hacked in suspected Russian plan to attack Ukraine

- Cisco's Talos cyber intelligence unit said it has high confidence that the Russian government is behind the campaign, dubbed VPNFilter.
- The hacking software shares code with malware used in previous cyber attacks that the U.S. government has attributed to Moscow.
- Cisco said the malware could be used for espionage, to interfere with internet communications or launch destructive attacks on Ukraine.



Hackers have self-driving cars in their headlights

Tech / [#CyberSecurity](#)

APR 25, 2018 @ 09:00 AM 7,650

Amazon's Alexa Hacked To Surreptitiously Record Everything It Hears

A faked master key gives hackers access to millions of hotel rooms

In a matter of minutes a hacker with the right knowledge could spoof their way into almost any hotel room in the world

By **JENNY SOUTHAN**
25 Apr 2018



BUSINESS REGION
GÖTEBORG

CYBERSECURITY - Who's Who in West Sweden

Applications (verticals)



Information Security	Security	IoT & Automotive	Public Sector
<p>"Companies developing products in Information Security area."</p>	<p>"Companies developing products in wider security area."</p>	<p>"A strong Automotive & IoT cluster that need to develop or procure secure solutions."</p>	<p>"Sweden has a large public sector where information security is of paramount importance."</p>

Partners



Service	Research & Education	Incubators & Arenas
<p>"Some of many specialists that provide competence."</p> <p>"Also Auditing Firms, Professional Services etc"</p>	<p>"Several leading universities in the region."</p>	<p>"Recognized top 10 incubators in the world."</p>

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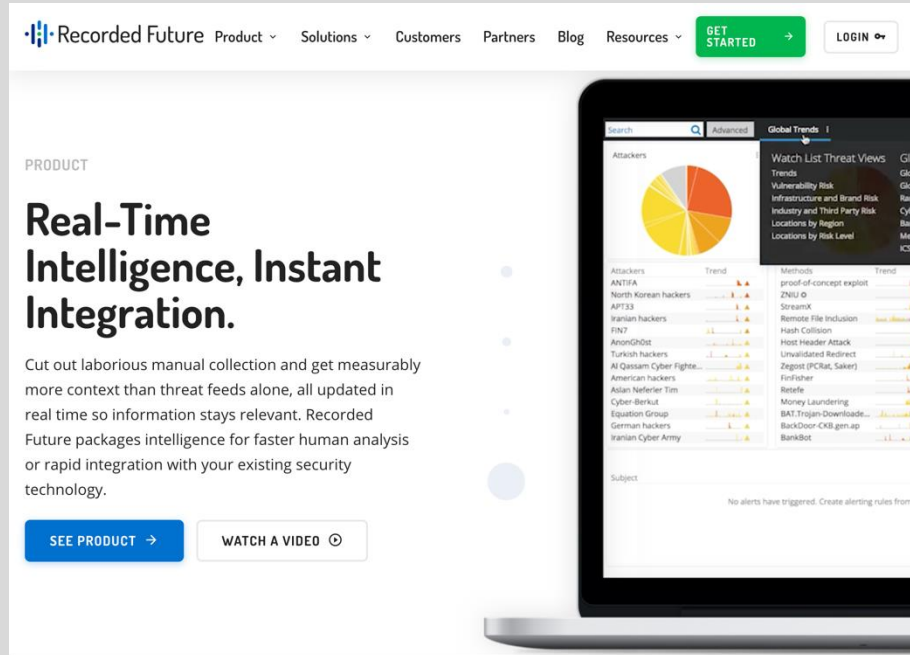
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Information Security	Security	IoT & Automotive	Public Sector
Recorded Future NetClean. FINGERPRINTS OP5 GRIFFEYE zifra keypasco HALON™ CLAYSTER gemalto security to be free	IRISITY GUARDTOOLS GUNNEBO™ <i>Run my security</i> carmenta superior situational awareness parakey dh anticounterfeit™	VOLVO VOLVO swedspot NEVS RUAG Telia veoneer MOVIMENTO ERICSSON DIADROM ZENUITY Make it real. lumenradio SAAB TELE2	VÄSTRA GÖTALANDSREGIONEN Göteborgs Stad phoniro VästKom ASSA ABLOY ascom PULSEN Conscriptor Mer värd. Mindre administration. BEST. COBS

Partners

Services	Research & Education	Incubators & Arenas
CGI NTTSecurity kirei CYBERCOM GROUP COMBITECH onevinn hiQ ATERA 2Secure Ciptor enfo omega point. semcon @infotiv peelit SECURITY solution	UNIVERSITY WEST HALMSTAD UNIVERSITY UNIVERSITY OF GOTHENBURG HÖGSKOLAN I SKÖVDE RISE CHALMERS	CHALMERS VENTURES DRIVE SWEDEN SAFER almi OWASP GU Ventures LINDHOLMEN SCIENCE PARK gothia SCIENCE PARK

Recorded Future - Innovation in Cyber Security

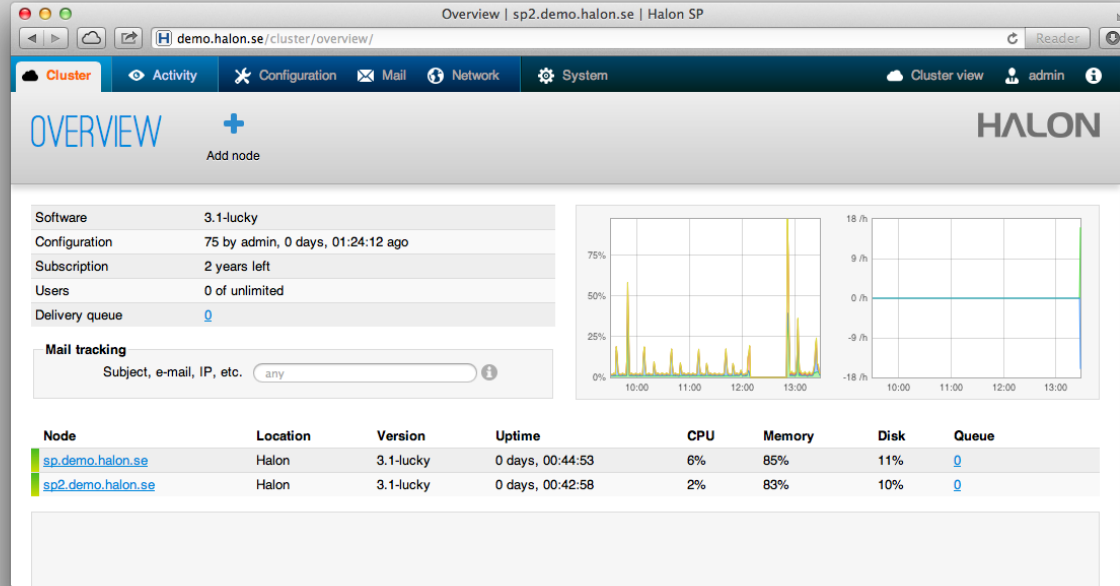


The screenshot displays the Recorded Future web application interface. At the top, there is a navigation bar with the Recorded Future logo and menu items: Product, Solutions, Customers, Partners, Blog, Resources, a green 'GET STARTED' button, and a 'LOGIN' button. The main content area is titled 'PRODUCT' and features the headline 'Real-Time Intelligence, Instant Integration.' Below this, a paragraph states: 'Cut out laborious manual collection and get measurably more context than threat feeds alone, all updated in real time so information stays relevant. Recorded Future packages intelligence for faster human analysis or rapid integration with your existing security technology.' At the bottom of this section are two buttons: 'SEE PRODUCT' and 'WATCH A VIDEO'. To the right, a laptop displays a dashboard with a search bar, a 'Global Trends' section with a pie chart, and a 'Watch List: Threat Views' table. The table lists various threat actors and methods with their respective trends.

Attackers	Trend	Methods	Trend
ANTHA	▲	proof-of-concept exploit	▲
North Korean hackers	▲	ZHU O	▲
APT33	▲	StreamX	▲
Iranian hackers	▲	Remote File Inclusion	▲
FIN7	▲	Hash Collision	▲
AkonGH0st	▲	Host Header Attack	▲
Turkish hackers	▲	Likewise Redirect	▲
Al Qassam Cyber Fighte...	▲	Zegost (PC RAT, Saker)	▲
American hackers	▲	Finfisher	▲
Allan-Nelner-Tim	▲	Ratfile	▲
Cyber-Berkut	▲	Money Laundering	▲
Equation Group	▲	BAT Trojan Downloade...	▲
German hackers	▲	BackDoor-Ckb.gen.ap	▲
Iranian Cyber Army	▲	BankBot	▲



Halon – E-mail platform – World Leading Spam prevention



CYBERSECURITY TECHNOLOGY



You need more than just internal network data to uncover evolving and stealthy threats.

We believe machine learning combined with human expertise is unrivaled at scaling the delivery of contextualized threat intelligence.



"The world's premier platform for accumulating knowledge and building intelligence"

A revolutionary, open and modular digital investigation software used by national security, defense and law enforcement agencies around the world.



Halon consists of a dedicated team of doers. Together we have set out to change the landscape of email technology, by enabling service providers to tailor their perfect email infrastructure.

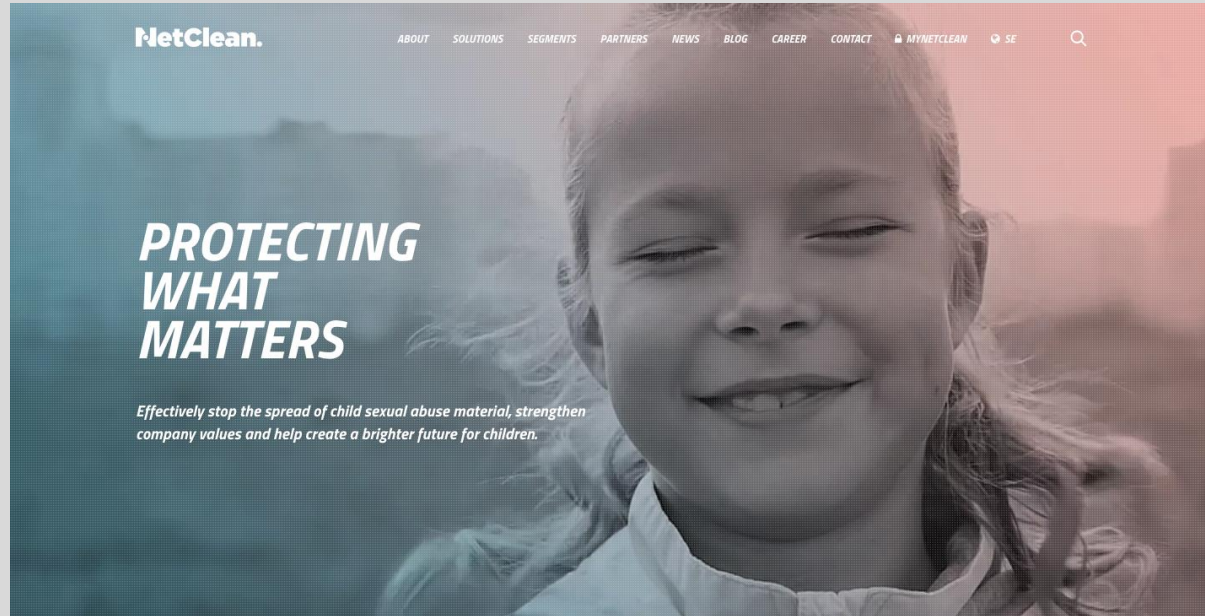


"To err is human, they say. But in the security business, the goal is a zero fail rate, something nobody comes closer to than Irisity."

Irisity's solution: To combine Artificial Intelligence and Machine Learning and couple it with vigilant human input.



NetClean – Protect what matters!



CYBERSECURITY TECHNOLOGY

NetClean.

*POWERFUL, SCALABLE
TOOLS TO EFFECTIVELY
DETECT AND BLOCK
CHILD SEXUAL ABUSE
MATERIAL*

*In today's digital society
where everything is
connected, technology is
an increasingly important
part of the solution.*



Keypasco offers a new software-based solution that is easy to integrate into your existing systems.

The Keypasco solution is flexible, self-scalable and provides you with a unique evolving risk engine for continuous improvement of your security, great privacy and integrity protection, and a blacklist of fraudulent devices.



A market leader in online banking security with an unmatched experience and a unique understanding of the business as well IT and user experience sides of an eBanking security project.

Gemalto has a strong presence in Gothenburg from it's aquisition of Todos AB in 2010.



*Mullvad is a VPN
service that helps keep
your online activity,
identity, and location
private.*

*Mullvad accept Bitcoin,
cash, bank wire, credit
card, PayPal, and
Swish.*



Volvo Cars & Volvo Group – Connected Vehicles



Connected Vehicles – Improving Vehicle Safety

V2I - Vehicle to Infrastructure

V2V – Vehicle to Vehicle

V2C – Vehicle to Cloud

V2P – Vehicle to Pedestrian

V2X – Vehicle to Everything



Cybersecurity – The automotive cluster driving tech research



For Volvo Cars, technology should make people's lives easier. That's why our approach to autonomous driving is all about the people that will use them.

Our future cars will be able to navigate without human input, equipped with sensors that read the surroundings, adapting to changing traffic conditions.



"Our work is about where the technology meets the customer benefit. As a starting point, we look at the demands put on customers by their customers. We are focused on solutions that can make difficult, repetitive and time-consuming tasks easier for all concerned."

Hayder Wokil
Autonomous & Automated
Driving Director,
Volvo Truck



Our company originates from the safety leaders of the automotive industry. We are young as a company but our starting point builds on robust industrial automotive solutions.

We have a unique skillset from Tier 1 and OEM domain knowledge. All the way from sensors to vehicle control.

We have joined forces to create an independent company offering our passion, technology, and solutions.



Veoneer's ambition is to be a leading system supplier for ADAS and autonomous driving as well as a market leader in automotive safety electronics products.

Veoneer has the world's broadest automotive safety product portfolio, comprised of state-of-the-art active safety systems, restraint control systems, and brake systems.



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Key Findings regarding Cyber Security

Growing in importance
Competence needed in every vertical
Awareness of cyber threats increasing

A number of interesting and relatively unknown
companies in the region

Automotive industry predicted to be a
driver in the area



CONFERENCES & MEETING SPACES

SPREADING THE WORD

- 2018-09-05 06 Telematics Valley
- 2018-09-24 25 jDays 2018
- 2018-09-25 Next Generation Threats 2018
- 2019-10-dd Lindholmen Software Development Day 2019
- 2018-05-29 Lindholmen Software Development Day 2018
- 2018-06-01 Security Fest, Eriksbergshallen
- OWASP Gothenburg
- MeetUp Ethereum Gothenburg

