

Check Point®
SOFTWARE TECHNOLOGIES LTD

РЕШЕНИЯ ПО БЕЗОПАСНОСТИ CHECK POINT

Дмитрий Кудра
Консультант по безопасности
dkudra@checkpoint.com

WELCOME TO THE FUTURE OF
CYBER SECURITY

POWERED BY  CHECK POINT
INFINITY

CLOUD • MOBILE • THREAT PREVENTION

CHECK POINT INFINITY

Shared Threat Intelligence
THREATCLOUD



R80
Consolidated
Security
Management

CLOUD

Infrastructure



- Advanced Threat Prevention
- Adaptive Security
- Automation and Orchestration
- Cross Environment Dynamic Policies

Applications



- Zero-Day Threat Protection
- Sensitive Data Protection
- End-to-end SaaS Security
- Identity Protection



Multi & Hybrid Cloud



NETWORK

Headquarters



- Access Control
- Data Protection
- Multi Layered Security
- Advanced Threat Prevention

Branch



- Access Control
- Multi Layered Security
- Advanced Threat Prevention
- Wi-Fi, DSL, PPoE Ready



MOBILE



- App Protection
- Network Protection
- Device Protection



- Remote Access
- Secure Business Data
- Protect Docs Everywhere



ENDPOINT



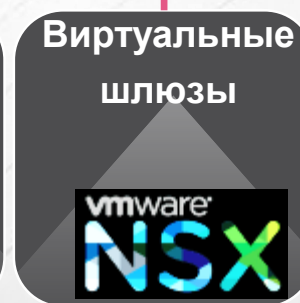
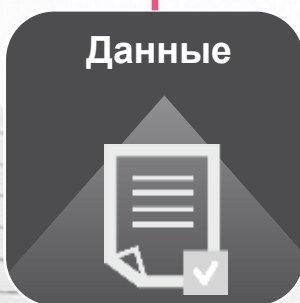
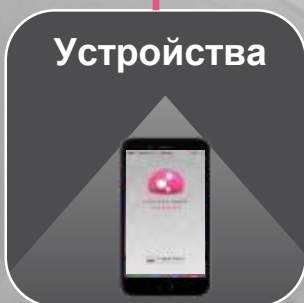
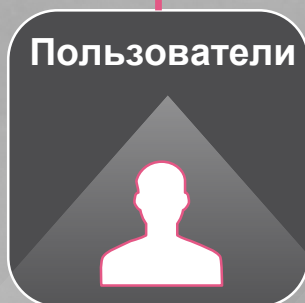
- Threat Prevention
- Anti-Ransomware
- Forensics

Access/Data Security

- Access Control
- Secure Media
- Secure Documents

Единая Политика Управления

Name	Source	Destination	Services & Applications	Data	Action	Install On
Outbound access	production_net	Internet	* Any	* Any	AccessSubLayer	* Policy Targets
Social media for marketing	marketing_role John	Internet	Twitter LinkedIn Instagram	* Any	Accept	SG13800
Developers upload	developer_role	Internet	Dropbox Box	Any Direction Source Code - JAVA	Accept	SG13800 CapsuleCloud
Access Sensitive Servers	* Any	* Any	* Any	* Any	SensitiveServers	* Policy Targets
Mobile Access	Mobile Devices	MailUS	MailServer	* Any	Accept	Mobile
Access to Web Server	* Any	WebServer	https	* Any	Accept	AWS VMWare



Контроль приложений и URL-фильтрация

Контролируйте весь трафик из производственной сети в Интернет

No.	Name	Source	Destination	Services & Applications	Data	Action	Install On
▼ 1	Outbound access	 production_net	 Internet	* Any	* Any	 AccessSubLayer	* Policy Targets
1.1	Social media for marketing	 marketing_role  John	 Internet	 Twitter  LinkedIn  Instagram	* Any	 Accept	 SG13800
1.2	Developers upload	 developer_role	 Internet	 Dropbox  Box	 Any Direction  Source Code - JAVA	 Accept	 SG13800
1.3	Cleanup rule	* Any	* Any	* Any	* Any	 Drop	 SG13800

Гранулированность и контроль политики



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Контроль контента

No.	Name	Source
1	HR video	HR
2	Социальные сети	* Any
3		

AppWiki -
энциклопедия по
поддерживаемым
приложениям

<

Threat Prevention



Check Point
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Access Control

Policy

NAT

Threat Prevention

Policy

IPS

Standard Threat Preve...

Exceptions

Shared Policies

Geo Policy

HTTPS Inspection

Inspection Settings

No.	Name	Protected Scope	Protection/Site/File/Blade	Action
1	Data Center Protection	Data Center LAN	N/A	Strict
2	Recommended Protections	Any	N/A	Optimized

Profiles



Strict

Provide very wide coverage for all products and protocols, with noticeable performance impact.

General Policy

IPS

Anti-Bot

Anti-Virus

Threat Emulation

Threat Extraction

Indicators

Advanced

Blades Activation



IPS



Anti-Bot



Anti-Virus



Threat Emulation



Threat Extraction

Active Protections

Performance Impact: High or lower

Severity: Low or above

Activation Mode

High Confidence: Prevent

Medium Confidence: Prevent

Low Confidence: Detect

OK

Cancel

IPS



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Protection	Industry Refere...	Releas...	Update...	Performance Im...	Severity	Confidence Le...	Optimized	Strict	
3Com Network Supervisor Directory Tra...	CVE-2005-2020	24/11/2009	24/11/2009						
3Com TFTP Server Transporting Mode R...	CVE-2006-6183	15/01/2007	15/11/2011						
3CX Phone System VAD_Deploy.aspx Ar...	None	25/12/2016	29/12/2016						
3ivx MPEG-4 MP4 File Handling Stack O...	CVE-2007-6401	01/10/2009	20/10/2013						
3ivx MPEG-4 MP4 File Handling Stack O...	CVE-2007-6401	01/10/2009	11/02/2013						
3S Smart Software Solutions CoDeSys G...	CVE-2012-4707	19/05/2013	22/05/2013						
3S Smart Software Solutions CoDeSys G...	CVE-2012-4705	05/05/2013	06/10/2015						
3S Smart Software Solutions CoDeSys G...	CVE-2012-4706	05/05/2013	07/05/2013						
3S Smart Software Solutions CoDeSys G...	CVE-2012-4704	05/05/2013	07/05/2013						
3S Smart Software Solutions CoDeSys G...	CVE-2012-4708	05/05/2013	06/10/2015						
7-Zip ARJ Archive Handling Buffer Overf...	CVE-2005-3051	12/10/2009	12/10/2009						
7T Interactive Graphical SCADA RMS Re...	None	23/04/2013	02/05/2013						
7T Interactive Graphical SCADA System (I...	CVE-2011-1565	23/08/2011	23/08/2011						
7T Interactive Graphical SCADA System...	CVE-2011-1566	23/08/2011	23/08/2011						
7T Interactive Graphical SCADA System F...	CVE-2011-1567 CVE-2011-1567	15/05/2011	22/10/2014						
ABB MicroSCADA Wserver Command Ex...	None	19/12/2013	31/12/2013						
ABB MicroSCADA Wserver Multiple Buff...	None	31/12/2013	31/12/2013						
ABB Multiple Products RobNetScanHos...	CVE-2012-0245	02/07/2012	02/12/2013						
ABB Test Signal Viewer CWGraph3D Act...	CVE-2013-5022	03/12/2013	23/02/2016						



**NGIPS Recommended –
Ноябрь 2017**

99.52% Exploit Block Rate Score! 5th
IPS Recommended, 16th since 2011.

Details

Logs

3Com Network Supervisor Directory Traversal

Performance Impact

Low

Severity

High

Confidence Level

Medium

Attack ID: [CPAI-2005-288](#)

Last Update: **24-November-2009**

Industry Reference: [CVE-2005-2020](#)

Threat Description:

The 3Com Network Supervisor is a network management application that discovers, maps, and displays network links and IP devices. It monitors devices and connections for stress levels, set thresholds and various network events. The product is also capable of generating reports in various formats. A directory traversal vulnerability exists in the 3Com Network Supervisor product. The flaw is caused by insufficient sanitization of HTTP requests. This vulnerability allows an unauthorized user to read arbitrary files on the target host. The target will not exhibit any unusual behaviour as a result of this

Anti-Bot

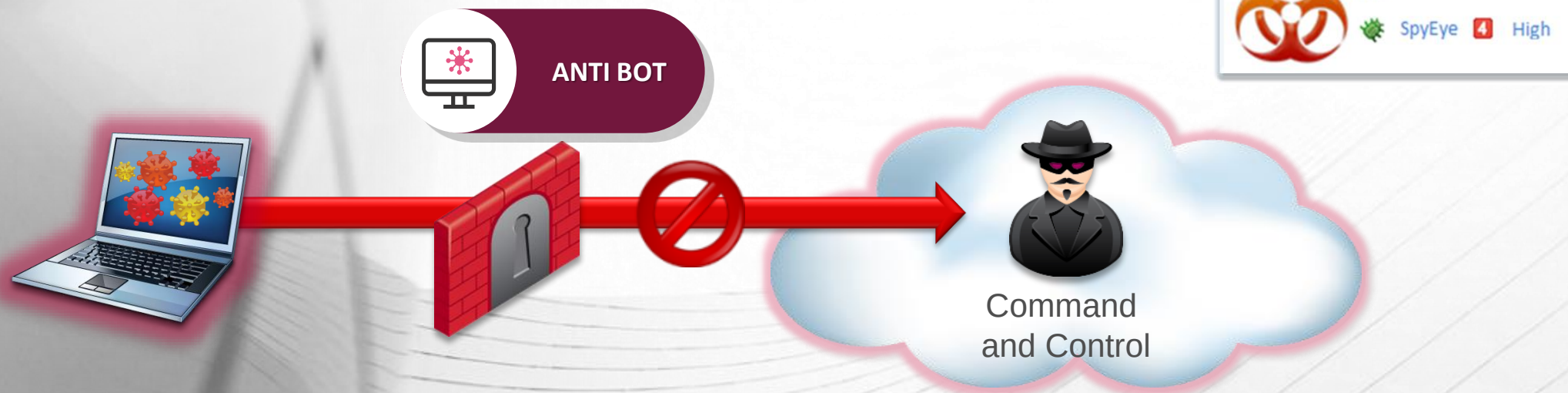


Check Point
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Находит
зараженные
машины

Обезвреживает
зараженные
машины

Интегрированная
система



SANDBLAST THREAT EMULATION



- **Устойчивая** к попыткам обхода песочница
- **Блокирует** неизвестное вредоносное ПО и атаки нулевого дня

ОБНАРУЖЕНИЕ УГРОЗ

Бескомпромиссное
обнаружение угроз

УСТОЙЧИВАЯ К ОБХОДАМ

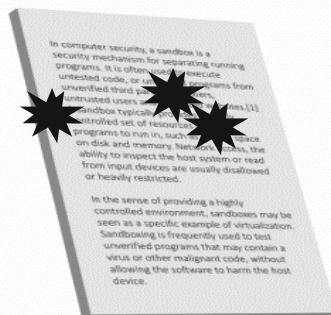
Устойчивая к
обходам песочница*

БЫСТРАЯ И ЭФФЕКТИВНАЯ

Вердикт выносится
менее чем за три
минуты

*Источник: 2016 NSS Labs Breach Detection Systems Test Report

Эмуляция файлов в виртуальной среде



Мониторинг:

- Системный реестр
- Сетевые соединения
- Файловая активность
- Системные процессы

Поиск признаков заражения на уровне операционной системы

ЕДИНСТВЕННАЯ песочница с обнаружением на уровне процессора (CPU-LEVEL DETECTION)



Отчет работы Threat Emulation



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SOFTWARE TECHNOLOGIES LTD.

Threat Details Report | Actions ▾

 **Check Point**
SOFTWARE TECHNOLOGIES LTD.

 **mssecsvc.exe**
SIZE: 3.35 MB | TYPE: EXE | HASH list ▾

 **Verdict Malicious**

 **Action Detect**

 **Confidence High**

 **Secure / Risk Critical**

 **Classification Ransomware, Trojan**

[Are you under attack? Contact Us](#)

INCIDENT RESPONSE TEAM
CHECK POINT

 **Attack Vector**

 **smb://192.168.38.11/wannacry/mstecs.exe**

 **File List**

NAME	TYPE	VERDICT	SIZE	CONTEXT
 @Please_Read_Me@.txt	 .TXT		933 Bytes	dropped
 @WanaDecryptor@.exe	 .EXE		240 KB	dropped
 @Please_Read_Me@.txt	 .TXT		933 Bytes	dropped
roadmap_2021.pptx	 .PPTX		26.5 KB	dropped
confidential.docx	 .DOCX		9.73 KB	dropped
FirstTimeScriptWIN7.bat	 .BAT		990 Bytes	dropped
FilemonNt.zip	 .ZIP		521.32 KB	dropped
Classified.zip	 .ZIP		27.29 KB	dropped
Classified.zip	 .ZIP		27.29 KB	dropped

Отчет работы Threat Emulation



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Suspicious Activities

Win7, Office 2013, Adobe 11

WinXP, Office 2003/7, Adobe 9

CATEGORY	COUNT	DESCRIPTION
Data Loss	2	This technique is used by steal browsing information.
Evasion	1	This technique is used by malware to check if its being analyzed or to evade Anti-Virus software.
Evasion	1	This technique is used by malware to check if its being analyzed.
Evasion	2	This technique is used by malware to decrypt some of it's internal parts during runtime and avoid detection.
File system event	74	Suspicious file was accessed during emulation
Generic	1	This technique is indicative of malware, as legitimate applications rarely create new executable files.
Generic	1	This technique is indicative of malware. Legitimate applications rarely use this technique.
Persistence	1	This technique keeps the malware running after the PC reboots.
Process event	5	Suspicious process was launched during emulation
Registry event	6	Suspicious registry path was accessed during emulation
Reputation	4	Well-known malware
Spyware	2	This technique is used by malware to monitor all network connection on a system, and steal information from the traffic.
Stealth	1	This technique is used by malware to hide traces of infection.

Отчет работы Threat Emulation



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Emulation Videos

Win7, Office 2013, Adobe 11

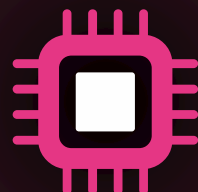


WinXP, Office 2003/7, Adobe 9



THREAT EMULATION

Устойчивая к обходу песочница



И ЕЩЕ ДЕСЯТКИ ТЕХНОЛОГИЙ ...



CPU-LEVEL

PUSH-FORWARD

Human Interaction Simulator

Network Activity Monitor

FP Guard

Icon Similarity

Image Sanitation

Dropped File Emulation

UAC Monitor

DeepScan

Decoys

SMEP Detector

Virtual Network Service

DGA Generator

Static Analyzer

Evasion Detection

Менее двух минут

среднее время анализа

Macro Analysis

Link Scanner

Shellcode Detector

SANDBLAST THREAT EXTRACTION



- Доставка очищенных файлов в режиме реального времени
- Оригинальные файлы в это время проходят эмуляцию

ПРОАКТИВНАЯ ЗАЩИТА

Доставка
очищенных
файлов

ОТЛИЧНАЯ БЕЗОПАСНОСТЬ

Удаление
опасного
содержимого

БЫСТРАЯ ДОСТАВКА

Доставка данных
за секунды

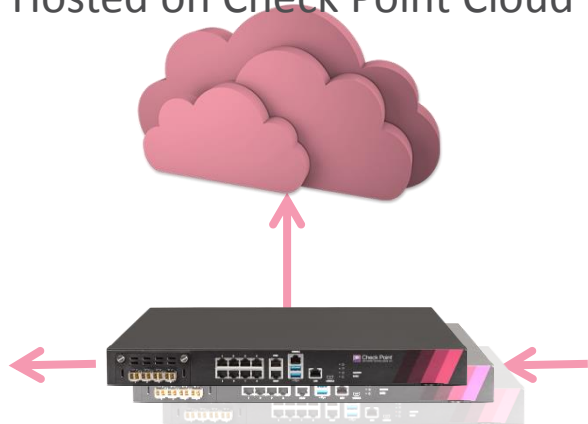
Различные варианты внедрения

Для средств защиты периметра сети

CLOUD SERVICE

Gateways + SandBlast Service

SandBlast Service
Hosted on Check Point Cloud

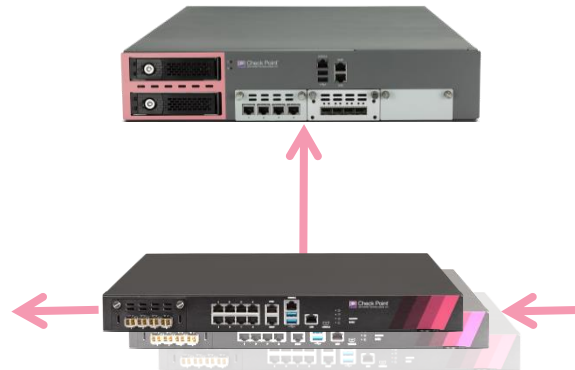


NGTX Security Gateways

ON-PREM SERVICE

Gateways + SandBlast TE Appliance

SandBlast TE Appliance



NGTX Security Gateways

DEDICATED APPLIANCE

Inline SandBlast TE Appliance



SandBlast TE Appliance

- **LEVERAGE SECURITY GATEWAYS** – Масштабируемое решение

Варианты установки шлюзов и песочниц:

- Inline / SPAN / TAP
- MTA – защита почтового трафика
- ICAP server – интеграция со сторонними решениями



Программно-аппаратные комплексы

Линейка устройств Check Point



Для защиты предприятий
любых масштабов

44000 и 64000
23000 линейка
(3 модели)



15000 Appliances
(2 модели)



Крупный офис

Защита ЦОД
Защита сервис
провайдеров

5000 Appliances
(4 модели)



Средний офис

3200 Appliance
1400 Appliances
(4 модели)



Малый офис



software**blades**™

[Restricted] ONLY for designated groups and individuals

Высокая эффективность

Масштабируемость

Отказоустойчивость

Check Point 44000 и 64000



Лучшая
производительность



Point
NOLOGIES LTD.



Представляем новую линейку Check Point Smart-1 Appliance





Security
Management

Пять новых устройств

Централизованный менеджмент до **5000** шлюзов*

Smart-1
5150



Для 150 шлюзов и больше

Smart-1
5050



Для 50 шлюзов

Smart-1
525



Для 25 шлюзов

Smart-1
410



Для 10 шлюзов

Smart-1
405



Для 5 шлюзов

* 5000 Check Point 1400 gateways

Защита АСУ ТП с помощью Check Point

Линейка устройств в промышленном исполнении

- Работа в широком диапазоне температур, влажности
- Отсутствие движущихся частей
- Соответствие международным стандартам IEC 61850-3 и IEEE 1613



IAS U1



IAS T1



1200R



RuggedCom/Siemens

Монтаж на Din-рейку

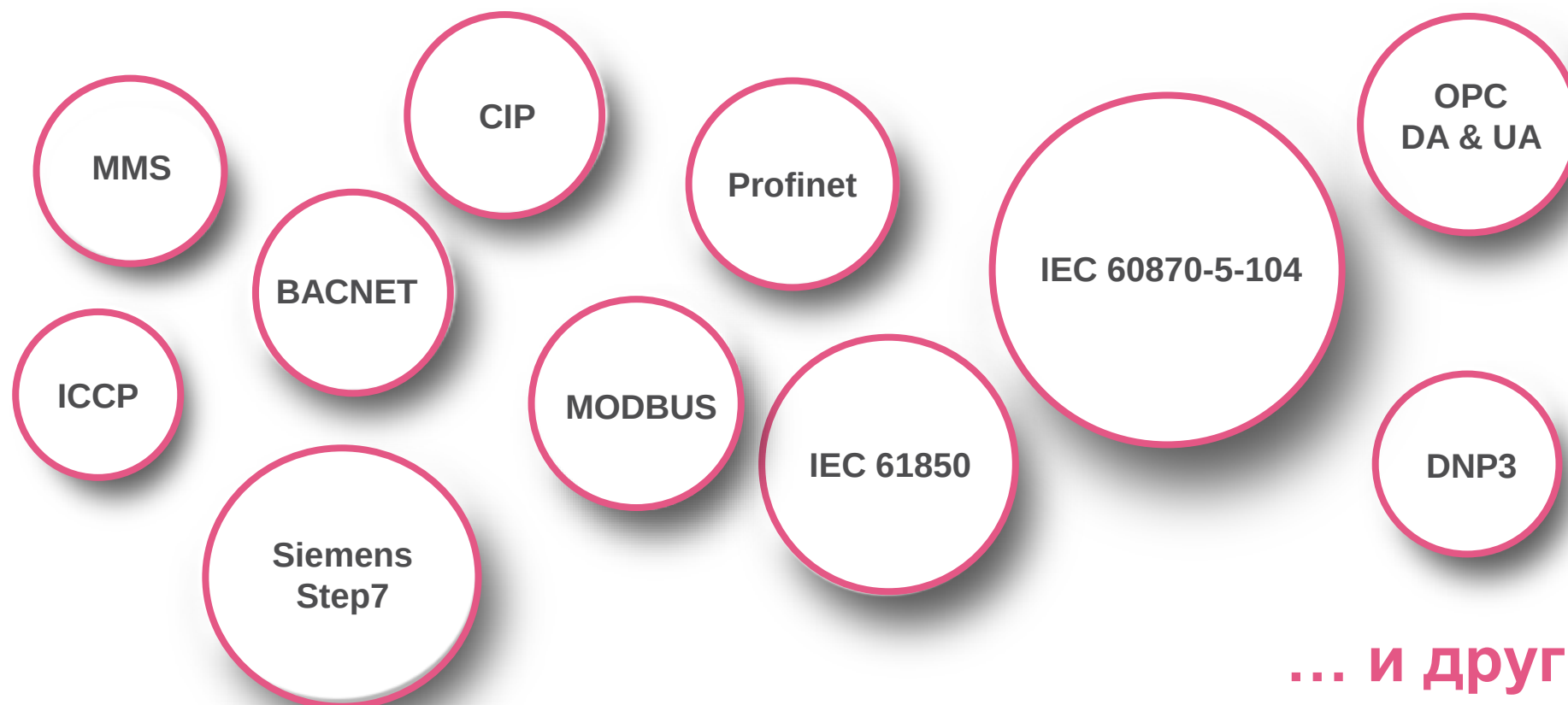
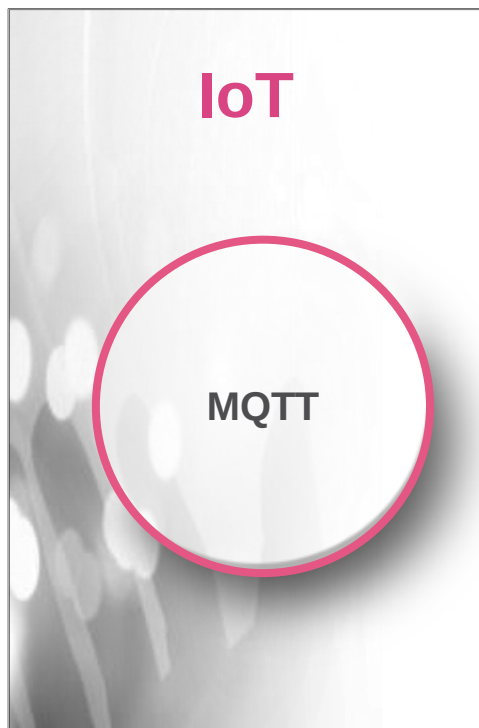
*Средняя
производительность
Монтаж в стойку*

*Высокая
производительность
Монтаж в стойку*

Поддержка специализированных протоколов



Check Point
SOFTWARE TECHNOLOGIES LTD.



... и другие

Более **1000 SCADA и IoT** команд
в Check Point Application Control

Полный перечень: <https://appwiki.checkpoint.com>

Компоненты КИИ редко обновляются



Check Point



Siemens Global Website

ProductCERT Security Advisories

Siemens ProductCERT is the central team for responding to security incidents and vulnerabilities related to Siemens solutions and services. In the following, Siemens security bulletins issued by ProductCERT are listed.

2016

- SSA-751155 (Last Update 2016-04-08): Denial-of-Service Vulnerability
- SSA-623229 (Last Update 2016-04-08): DROWN Vulnerability in Indu
- SSA-301706 (Last Update 2016-04-08): GNU C Library Vulnerability
- SSA-151221 (Last Update 2016-03-18): Incorrect File Permissions in
- SSA-833048 (Last Update 2016-03-14): Vulnerability in SIMATIC S7-1
- SSA-253230 (Last Update 2016-02-08): Vulnerabilities in SIMATIC S7
- SSA-743465 (Last Update 2016-01-15): Cross-Site Scripting Vulnerability in OZW772

2015

- SSA-472334 (Last Update 2015-12-18): NTP Vulnerabilities in RUGGED Devices
- SSA-763427 (Last Update 2016-04-29): Vulnerability in Communication modules SIMATIC CP 343-1, TIM 3V-IE, TIM 4R-IE, and CP 443-1
- SSA-921524 (Last Update 2016-04-29): Incorrect Frame Padding in F
- SSA-720081 (Last Update 2015-09-01): IP Forwarding in RUGGEDC Devices
- SSA-134003 (Last Update 2015-08-27): Web Vulnerability in S7-1200

Life Is On Schneider Electric

all the site

Solutions

Products

Support

You are here: Home > Support > Cybersecurity > Vulnerabilities

Security

World presence

Customer Care Centre

Contact

Cybersecurity

News

Report an incident

Substitution tool

Counterfeiting

Counterfeiting

Definitions

Report a counterfeit

Idea Submission

HOME • ABOUT • TECHNOLOGY • CYBER SECURITY • ALERTS AND NOTIFICATIONS

GLOBAL SITE • ENGLISH

Power and productivity for a better world™ ABB

Cyber security alerts and notifications

We are committed to providing our customers with products, systems and services that clearly address cyber security. Proper and timely handling of cyber security incidents and software vulnerabilities is one important factor in helping our customers minimize risks associated with cyber security.



Latest alerts and notifications



Archived alerts and notifications



Subscribe to email alerts



Report a vulnerability

2015-12-10: POODLE Vulnerability in RTU500 Series

2015-12-10: POODLE Vulnerability in Relion 650 series Ver. 1.3.0

2015-12-10: POODLE Vulnerability in MicroSCADA Pro SYS600

2015-12-10: POODLE Vulnerability in SDM600 Ver. 1.1

2015-12-10: POODLE Vulnerability in AFX series

2015-12-10: POODLE Vulnerability in ETL000 series

2015-12-10: POODLE Vulnerability in ESP630 series

2015-12-10: POODLE Vulnerability in FOX660 series

2015-12-10: POODLE Vulnerability in Relion 615 series v5.0

2015-12-10: POODLE Vulnerability in COM600

2015-12-10: POODLE Vulnerability in Protection and Control IED Manager PCM600

2015-02-11: Security Bulletin for ABB 3rd Party Device Type Library HART DTM

2014-10-30: Advisory for ABB RobotStudio

2014-10-30: Advisory for ABB Test Signal Viewer

2014-04-24: (updated 2014-06-30): OpenSSL Heartbleed Vulnerability in Relion 650 series Ver. 1.3.0

2014-02-19: CMT 1000 Vulnerability bug fix

2013-11-08: Remote code execution vulnerability in CAP 501 / CAP 505 / SMS 510

2013-11-08: Remote code execution vulnerabilities in MicroSCADA

2013-10-17: Advisory for Test Signal Viewer on Windows for Robotics

2012-04-30: Advisory for AC500 web server

2012-03-23: Advisory for WebWare Components and Related Products

2012-02-28: Buffer Overflow in Robot Communications Runtime on Windows

Date (dd/mm/yyyy)	Product	Vulnerability	Impact	Reference
20/01/2016	Altivar Drives	Modification of Drive Parameters	See disclosure	ST03406
11/01/2016	MiCOM C264	Integer Overflow	See disclosure	SEVD-2016-011-01
10/12/2015	M340 PLC	Buffer Overflow	See disclosure	SEVD-2015-344-01
25/11/2015	ProClima SW	Remote Code Execution	ProClima, all versions prior to V6.2	SEVD-2015-329-01

Виртуальный патчинг

Более 300 специализированных IDS/IPS сигнатур



Check Point®
SOFTWARE TECHNOLOGIES LTD.

Защита от уязвимостей
и обнаружение
аномального трафика

CHECK POINT
IPS



NSS Labs
Highest Rating

Protection	Sever...
Citect SCADA ODBC Overflow Attempt	Medium
Rockwell RSLogix Denial of Service Vulnerability	Critical
SCADA Engine OPC Client Buffer Overflow Vulnerability	High
Schneider Electric UnitelWay Windows Device Driver Buffer Overflow	Critical
Siemens Tecnomatix FactoryLink Stack Overflow Vulnerability	Critical
Siemens Automation License Manager Multiple Vulnerabilities	Critical
ScadaTEC SCADAPhone and ModbusTagServer Buffer Overflow	High
RealWin HMI Service Buffer Overflow 2	High
Automated Solutions Modbus/TCP Master OPC server Modbus TCP Header	High
RealWin INFOTAG/SET_CONTROL Packet Processing Buffer Overflow	High
Unauthorized Miscellaneous Request to a PLC	Critical
Broadcast Request from an Authorized Client	Critical
IGSS SCADARMS Report Template WriteFile Command Buffer Overflow	Critical
IGSS SCADA STDREP Request Buffer Overflow	High
Iconics Genesis SCADA Freeing of Uninitialized Memory Trigger	High
Rockwell RNA Message Negative Header Length	Critical
Intellicom NetBiter Config HICP Hostname Buffer Overflow	Medium
WonderWare SuiteLink DOS Attempt	High

Детальное журналирование трафика



Check Point
SOFTWARE TECHNOLOGIES LTD.

Детальная информация
для расследования
инцидентов

CHECK POINT
SMARTLOG &
SMARTEVENT

ПОДРОБНО

Time	B...	A...	T...	Origin	Application...	Transa...	Fu...	Function Description	Source	Desti...	...	Match
Today	10:45:35			gw-71ec22	ModbusAll	33394	3	Read Holding Registers	HMI-1	PLC-1		SCADA P...
Today	10:45:53			gw-71ec22	ModbusAll	33490	4	Read Input Registers - Response	HMI-1	PLC-1		SCADA Pro
Today	10:45:53			gw-71ec22	ModbusAll	33490	4	Read Input Registers	HMI-1	PLC-1		SCADA Prot
Today	10:45:53			gw-71ec22	ModbusAll	33489	3	Read Holding Registers - Response	HMI-1	PLC-1		SCADA Prot
Today	10:45:53			gw-71ec22	ModbusAll	33489	3	Read Holding Registers	HMI-1	PLC-1		SCADA Prot
Today	10:45:53			gw-71ec22	ModbusAll	33488	3	Read Holding Registers - Response	HMI-1	PLC-1		SCADA Prot
Today	10:45:53			gw-71ec22	ModbusAll	33488	3	Read Holding Registers	HMI-1	PLC-1		SCADA Prot
Today	10:45:53			gw-71ec22	ModbusAll	33487	3	Read Holding Registers - Response	HMI-1	PLC-1		SCADA Prot
Today	10:45:53			gw-71ec22	ModbusAll	33487	3	Read Holding Registers	HMI-1	PLC-1		SCADA Prot
Today	10:45:53			gw-71ec22	ModbusAll	33486	3	Read Holding Registers - Response	HMI-1	PLC-1		SCADA Prot
Today	10:45:53			gw-71ec22	ModbusAll	33486	3	Read Holding Registers	HMI-1	PLC-1		SCADA Prot
Today	10:45:53			gw-71ec22	ModbusAll	33485	3	Read Holding Registers - Response	HMI-1	PLC-1		SCADA Prot
Today	10:45:53			gw-71ec22	ModbusAll	33485	3	Read Holding Registers	HMI-1	PLC-1		SCADA Prot
Today	10:45:51			gw-71ec22	ModbusAll	33484	4	Read Input Registers - Response	HMI-1	PLC-1		SCADA Prot
Today	10:45:51			gw-71ec22	ModbusAll	33484	4	Read Input Registers	HMI-1	PLC-1		SCADA Prot
Today	10:45:51			gw-71ec22	ModbusAll	33483	3	Read Holding Registers - Response	HMI-1	PLC-1		SCADA Prot
Today	10:45:51			gw-71ec22	ModbusAll	33483	3	Read Holding Registers	HMI-1	PLC-1		SCADA Prot
Today	10:45:51			gw-71ec22	ModbusAll	33482	3	Read Holding Registers - Response	HMI-1	PLC-1		SCADA Prot
Today	10:45:51			gw-71ec22	ModbusAll	33482	3	Read Holding Registers	HMI-1	PLC-1		SCADA Prot
Today	10:45:51			gw-71ec22	ModbusAll	33481	3	Read Holding Registers - Response	HMI-1	PLC-1		SCADA Prot
Today	10:45:51			gw-71ec22	ModbusAll	33481	3	Read Holding Registers	HMI-1	PLC-1		SCADA Prot
Today	10:45:51			gw-71ec22	ModbusAll	33480	3	Read Holding Registers - Response	HMI-1	PLC-1		SCADA Prot

СГРУППИРОВАНО

Count	Source	Destination	Unit ID	Function Description
500	HMI (10.1.1.5)	PLC (20.1.1.5)	1	Read Holding Registers
100	HMI (10.1.1.5)	PLC (20.1.1.5)	1	Read Input Registers
1	HMI (10.1.1.5)	PLC (20.1.1.5)	1	Write Single Register

Мониторинг промышленной сети

Информация о взаимодействии

- Протоколы и команды
- Внутрисистемные связи
- Открытые и проприетарные протоколы

Информация об устройствах

- IP- и MAC-адреса
- Производитель устройства
- Тип устройства (PLC, HMI, рабочая станция, коммутатор, итд)
- Модель и серийный номер
- Версия прошивки

Информация о сети

- Какие устройства работают в вашей сети?
- Каким образом эти устройства взаимодействуют между собой и внешним миром?
- Существуют ли ошибки конфигурации и уязвимости?

Информация об устройстве

Детальная информация об устройстве – тип, производитель, версия прошивки и прочее



NORMAL RISK LEVEL

Chemical_plant/ **Rockwell Automation**
PLC



DEVICE INFORMATION

IP
10.1.30.1

MAC
00:1D:9C:C0:04:9D

Network
Default

VLAN
0

Protocols
ARP / CIP / ENIP / ICMP / TCP

Site
Default

Vendor
Rockwell Automation

Model
1756-ENBT/A

Firmware version
V6.006

Serial
00987DBF

MORE DETAILS

Type 
PLC

Criticality 
HIGH

Risk Level
Normal

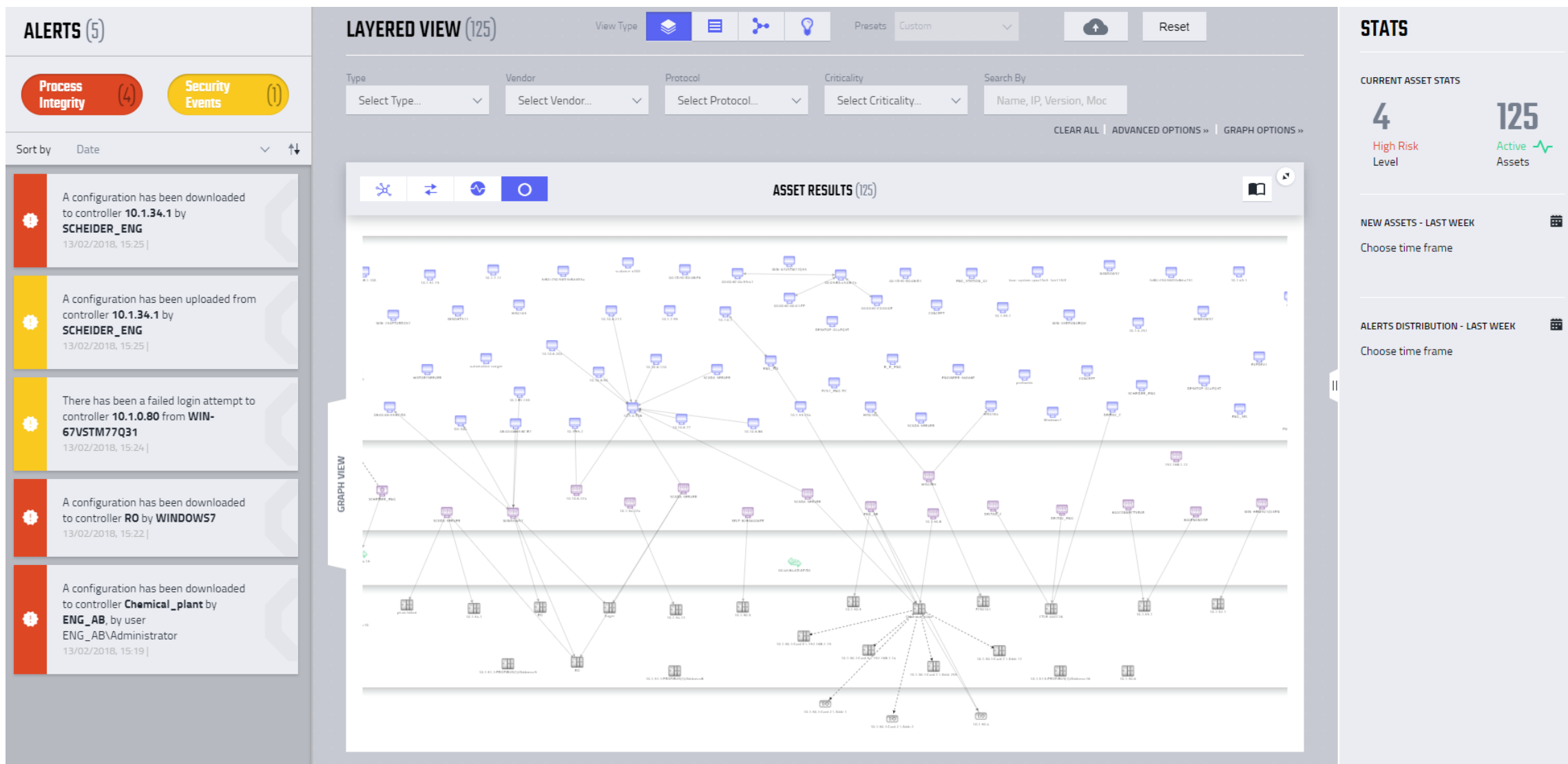
First seen
13/02/2018 15:18:21

Last seen
13/02/2018 15:23:35

Информация об устройстве – иерархическая карта



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Оповещения на базе поведенческого анализа



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ACTIVITY LOG

- System moved to Operational Mode
Today ,09:31
- User admin has resolved alert 701
13/02/2018 ,15:30
- User admin has resolved alert 599
13/02/2018 ,15:30
- User admin has resolved alert 425
13/02/2018 ,15:30
- New Alert 736:
A configuration has been downloaded to controller 10.1.34.1 by SCHEIDER_ENG
13/02/2018 ,15:25
- New Alert 732:
A configuration has been uploaded from controller 10.1.34.1 by SCHEIDER_ENG
13/02/2018 ,15:25
- New Alert 729:
There has been a failed login attempt to controller 10.1.0.80 from WIN-67VSTM77Q31
13/02/2018 ,15:24

ALERTS (5)

4 PROCESS INTEGRITY ALERTS 1 SECURITY EVENTS ALERTS

Status

1 items selected

Alert Type

Select one or more

Search By

Search by involved asset

Time

1Hr.

24Hr.

W.

M.

Filter by Status: Unresolved CLEAR ALL ADVANCED OPTIONS »

☐

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RESULTS (5)

<< < 1 > >>

ID	TYPE	DESCRIPTION	DATE DETECTED	SITE	CATEGORY	NETWORK	STATUS	ASSIGNED TO
☐ 736	Configuration Download	A configuration has been downloaded to controller 10.1.34.1 by SCHEIDER_ENG	13/02/2018 15:25:54	Default	Integrity	Default	Unresolved	
☐ 732	Configuration Upload	A configuration has been uploaded from controller 10.1.34.1 by SCHEIDER_ENG	13/02/2018 15:25:12	Default	Integrity	Default	Unresolved	
☐ 729	Login	There has been a failed login attempt to controller 10.1.0.80 from WIN-67VSTM77Q31	13/02/2018 15:24:40	Default	Security	Default	Unresolved	
☐ 687	Configuration Download	A configuration has been downloaded to controller RO by WINDOWS7	13/02/2018 15:22:32	Default	Integrity	Default	Unresolved	
☐ 497	Configuration Download	A configuration has been downloaded to controller Chemical_plant by ENG_AB, by user ENG_AB\Administrator	13/02/2018 15:19:46	Default	Integrity	Default	Unresolved	

Комбинированная защита



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Настраиваемые политики

- **Фаза обучения** – анализ сетевого трафика и логов
- Ручная конфигурация нормального режима работы
- Специализированные политики для команд и значений
- Политики на основе временных шаблонов трафика

Обнаружение аномалий

- **Фаза обучения** – автоматическое обнаружение устройств
- Поведенческий анализ на основе обнаружения аномалий
- Создание базисного профиля производственного процесса

**Комбинированная защита на основе
настраиваемых политик и обнаружения аномалий**

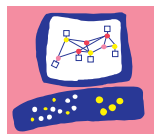
Защита критических инфраструктур

Журналирование всей сетевой активности компонентов КИИ

Профилирование сетевой активности компонентов КИИ

Идентификация отклонений и атак на компоненты КИИ

Обнаружение / предотвращение атак на компоненты КИИ



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СПАСИБО!

