

Security Innovation Day 2017

SECURITY ROCKS!

"Persistent innovation"



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Creating a Number 1(1)



Innovation as ADN

We grow without losing our essence



2017



"Code Name"
Niji
Path 8

SIGNBOX



Track #1: FOCA Is Now Open Source



VIERNES, NOVIEMBRE 28, 2008



Criando una Foca

La foca es un animal tope de simpático. Es un animal que huele a pescado con las reminiscencias que eso nos trae a los machos en las solitarias noches y que basa su alimentación en ser el peor depredador de ese simpático animalito que vive en las zonas frías y viste elegantemente y anda con paso corto.

La foca es un animal capaz de aprender a hacer malabarismos y ejercicios de cierta complejidad técnica y además, suele vestir de un clásico negro “camiseta de los Maiden”.

Foca es también el nombre de correo que le había tocado en suerte a nuestro compañero *Francisco Oca*, alias “Thor”, ya que la política de primera letra del nombre más apellido hacía que su mail hubiera tenido que ser *foca*, pero al final, el nombre elegido para su mail fue *froca*.

Cuando yo me enteré dije: “Coño, con lo bonito que sería tener una foca en la familia, una foca comedora de pingüinos entre nosotros”. “Hola, soy el señor Foca”. “Suena genial”.

Track #1: FOCA Is Now Open Source

The new FOCA has evolved

The community of users and developers of the new FOCA will have lots of **reasons to contribute** on Github:

- ✓ An updated design
- ✓ Easier to understand and to upgrade
- ✓ New search engines and discovery tools
- ✓ A plugin Marketplace to extend its functionalities



<https://github.com/EvenPaths/FOCA>

Track #2: Faast for WordPress

The evolution of persistent pentesting

HIPSTER PENTESTING



- ✓ Automation of tasks by a pentester
- ✓ Discover existing assets and metadata

STRATEGIC PENTESTING



- ✓ Persistent pentesting in the cloud and verified by SOC
- ✓ Vulnerability management workflow with remediation as virtual patching with Fortinet & F5

WORDPRESS



- ✓ Vertical approach for WordPress vulnerability scanning
- ✓ Auto-Managed feature by client

2008 – “Pentesting Driven by FOCA”

2013 – “Advanced Persistent Pentesting”

2017 – “Pentesting as a Service”

Track #2: Faast for WordPress

Scan vulnerabilities in the most popular CMS

Thus, they need to be up-to-date of all major WordPress attacks and also discover new targeted attacks:

Memory Corruption
Gain privileges
XSS
Bypass
File inclusion
Directory Transversal
Code Execution
Overflow
SQL Injection
Http response splitting
Information Exfiltration



Wordpress Core



Third Party Plugins

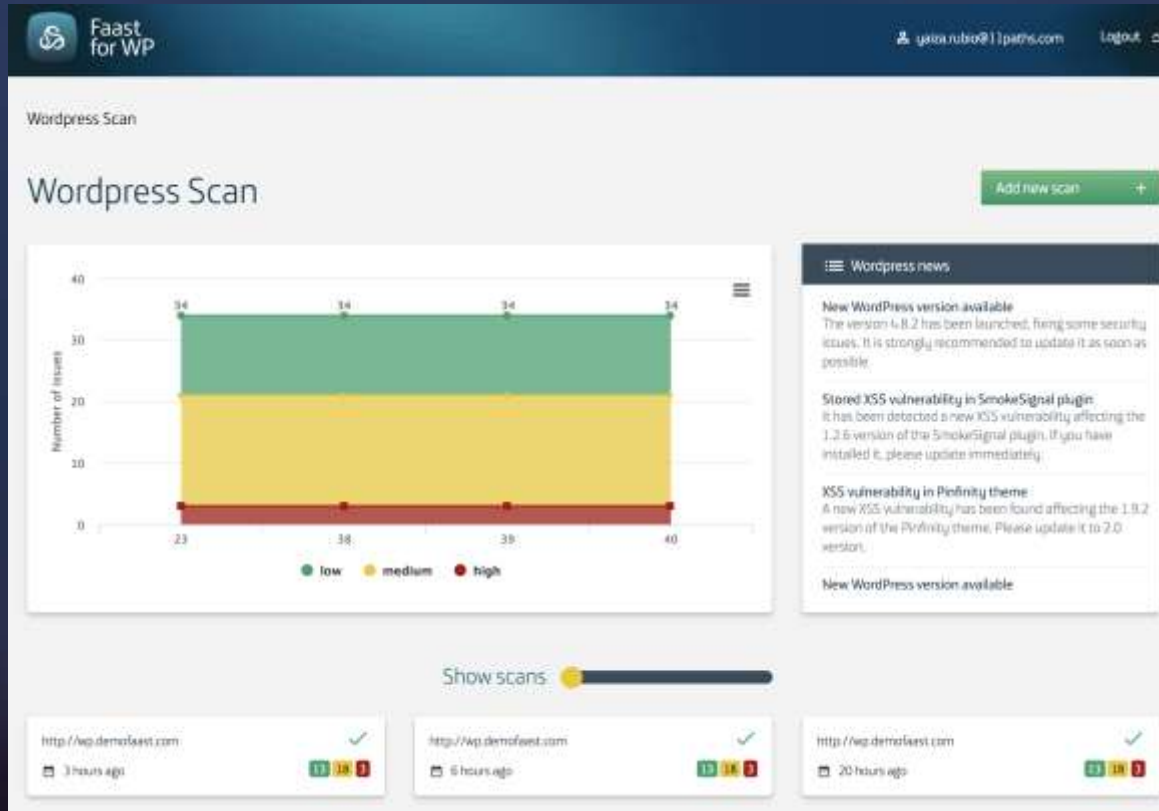


Wordpress Themes



Webserver Configuration

Track #2: Faast for WordPress



Track #3: WiFi Access with Mobile Connect

Improving WiFi users security



Track #4: Security Portal

Configure your security infraestructura easily

A SME can address certain security issues without needing an expert



Small businesses have been the target of a cyberattack



Data leaks impact negatively on revenues and reputation



37% of small business have not security measures

Track #5: "Code Name" Niji



2015

2016

2017

CleanPipes

Awazza

Alot

Tuenti

Data
Transparency
Lab

McAfee
Alliance

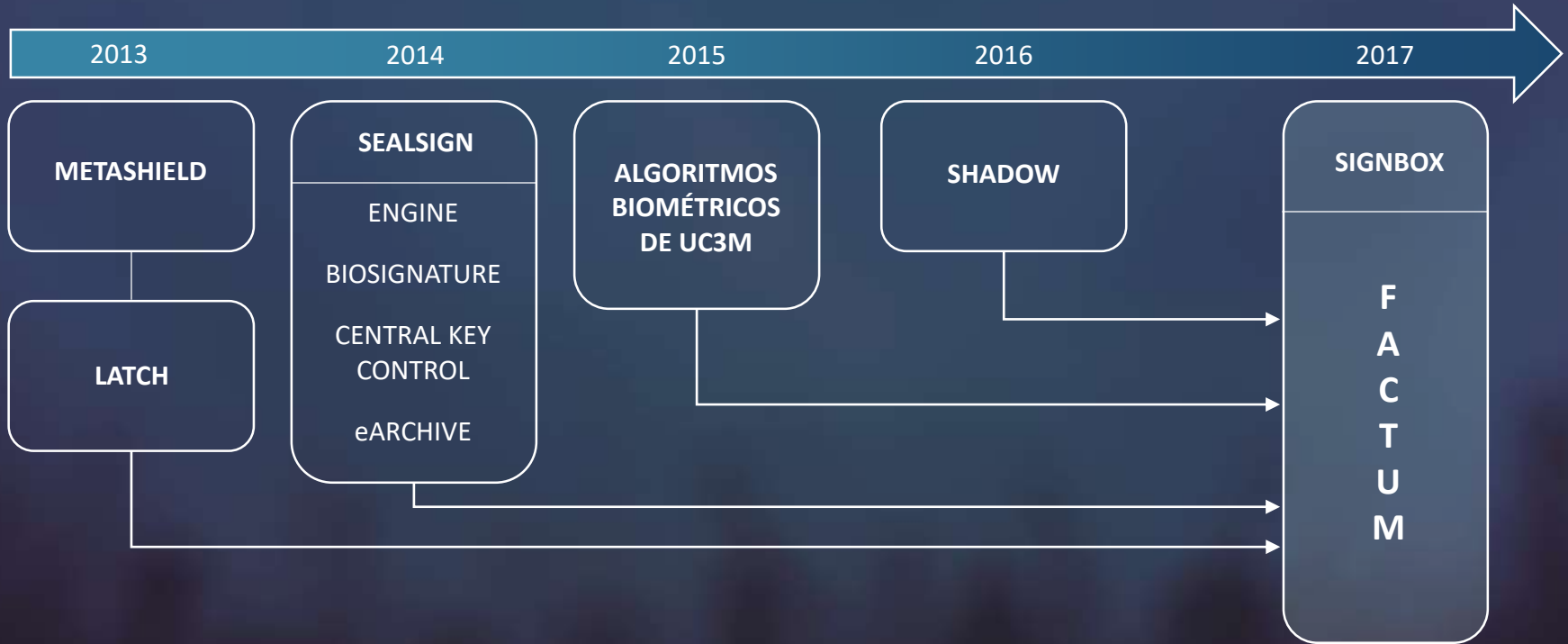
HGU



DATA
TRANSPARENCY
LAB



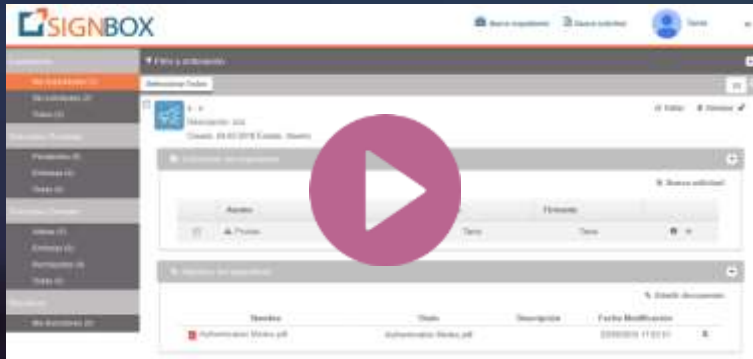
Track #6: Acquisition of SignBOX from Factum IT



Track #6: Acquisition of SignBOX from Factum IT

New module that complements SealSign®


Web app where users receive all documents that they have pending to sign using an interface that looks like a mailbox.




- ✓ Incorporate SealSign Engine Enterprise as an electronic signature engine.
- ✓ Manage a list of documents easily.
- ✓ Create workflows by associating users with each step.
- ✓ Include documents in an automated way.
- ✓ Other advanced options such as delegating signatures or defining rules.

Track #7: Managing the “shadow datalake” [PATH 8]

2013




Latch




Metashield
PROTECTOR

2014



SealSign

2016




logtrust

Shadow

DOCUMENT
MALWARE

2017



Path 8



Track #7: Managing the shadow datalake [PATH 8]



Confidential info
revealed



Traceability



Integrity



Bad reputation



Repeatable

- ✓ Provide in document management ElevenPaths' technology capabilities with third parties.
- ✓ Collect and generate indicators to improve the security and control of the information.



Track #8: Working on the new records

Towards a more cybersecured future

Wifi Passwordless & Secure System

User authentication and encryption method for SOHO environments that merges random, temporal and biometric factors



Automatic Notarization of Paper Documents

A Blockchain-based registration of paper documents that leaves a verifiable watermark trace of the result



Deep Web Crawling (Path7)

Automatic Deep Web crawling with entity extraction and validated relationships with Surface web content



Magnetic Token

Usage of the movement of a ferromagnetic token for user authentication or access control

COMING SOON

As long as people **keep listening** to us...



...we will go on **playing**



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