Wallrus Box

The most powerful firewall for small business

The progress of cyberattacks :

Strong increase of attacks

More and more of companies are attacked

Significant costs for companies

Companies that are being attacked must spend a lot of money to repair their infrastructures

Small businesses are the most exposed

The Wallrus Project :

All the Wallrus box works together. The power of the network.

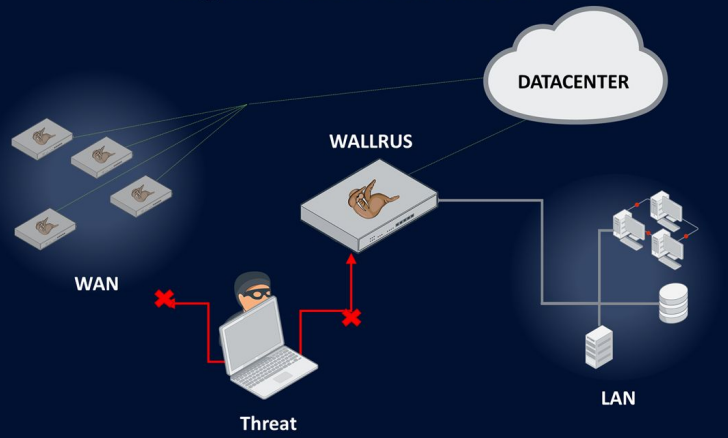
Threat intelligence

Customizable rules for all architectures

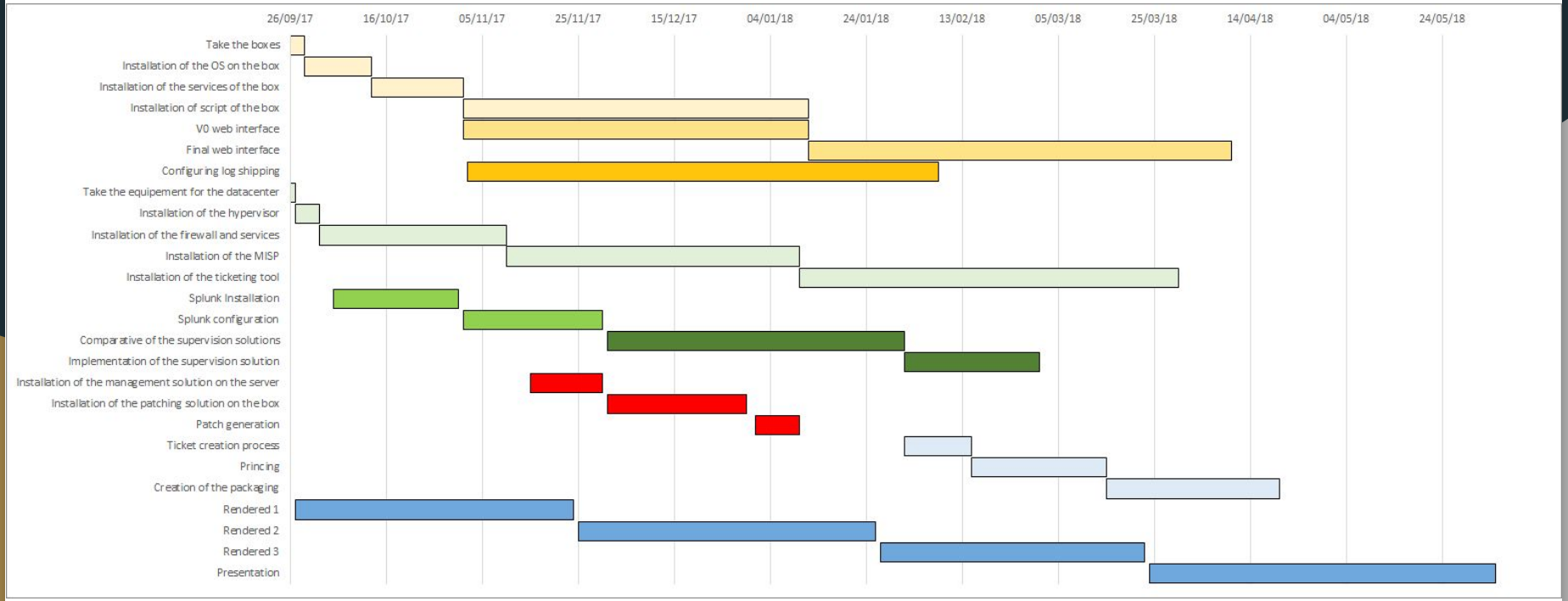
An easy equipement to manage

WALLRUS Box

Together we are invincible



Organisation



Technical presentation

DataCenter Services - Splunk

- SIEM
- Collect and index logs
- Correlation rules
- Reporting
- Alerting
- Monitoring

Technical presentation

DataCenter Services - The Hive

- Ticketing tool
- Linked to M.I.S.P
- Allow analyst collaboration
- Report template management
- Metrics management

Technical presentation

DataCenter Services - MISP

- List events containing I.O.Cs
- Automatic correlation
- Flexible data model
- Exchange with other communities
- Import / Extract data

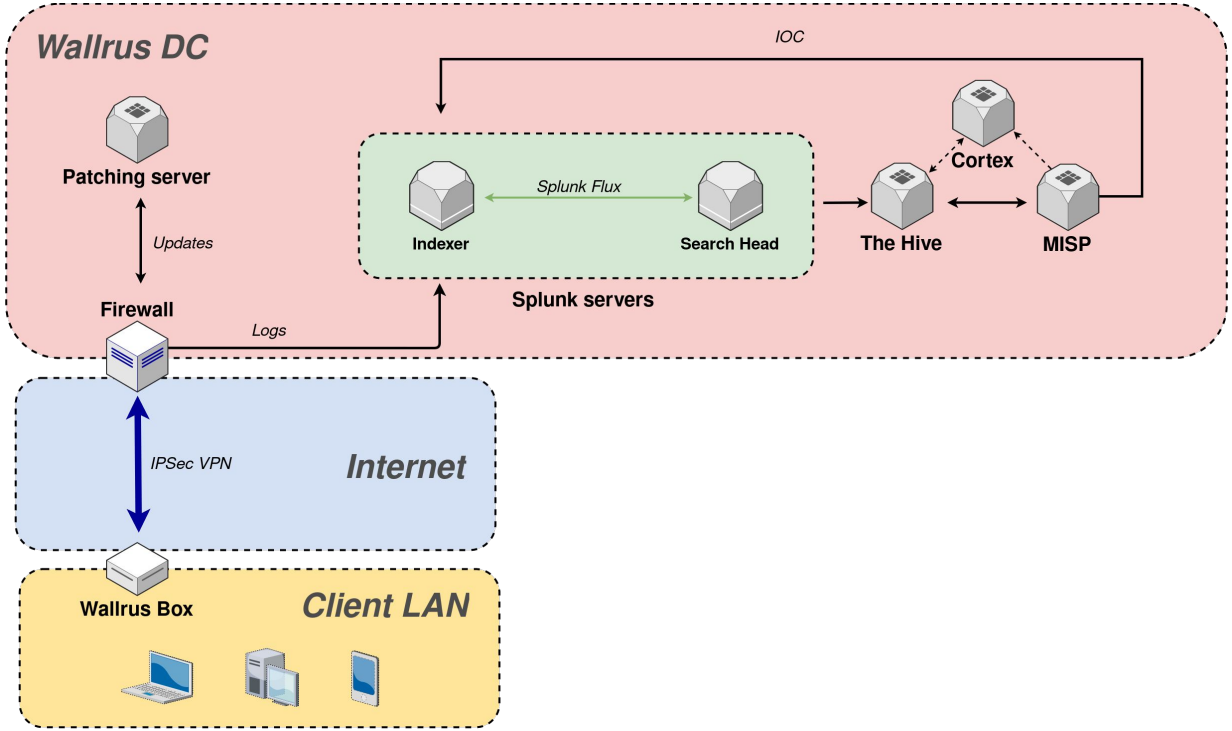
Technical presentation

DataCenter Services - Cortex

- Observable analyser
- Linked to M.I.S.P and TheHive
- Able to get external analysis
- Help analyst for the qualification

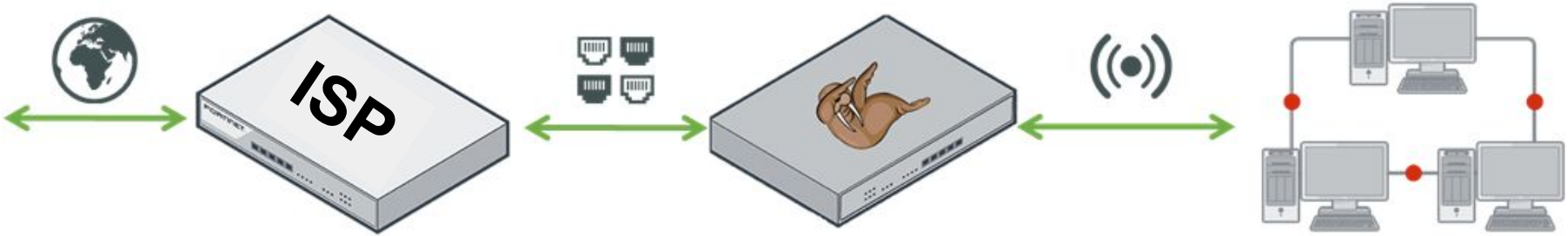
Technical presentation

DataCenter Infrastructure



Technical presentation

Box components



DHCP Client

Iptables

IPsec

Splunk forwarder

Apache and PHP

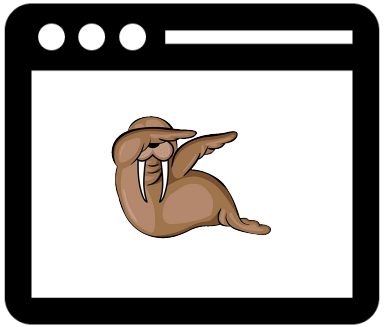
Hostapd

ISC-DHCP-Server

Technical presentation

Box web interface

- Secured by login / password
- Easy way to manage all the box parameters:
  - WiFi parameters
  - WAN
  - Local firewall rules
- Accessible via LAN with a web browser



Project state

- Fully working prototype
- First commercial considerations

80 % complete

- Final product