

SIMAC COMPANY **OVERVIEW**

OPERATING COMPANIES

INFORMATION TECHNOLOGY

- > Simac IT NL
- > Simac ICT Belgium
- Simac Technik
- Simac PSF
- Simac BMS
- > Aranea

Wavetel

SMART SOLUTIONS

- Simac Document Solutions
- Simac Electronics
- > Simac IDS
- > Simac Learning Solutions
- > Simac Masic
- Simac QuadCore
- > Simac Triangle

SIMAC OFFICES

NETHERLANDS

Veldhoven / Ede / Hoogeveen / Weert / Drunen / Heerlen / Baarn / Eindhoven / 's-Hertogenbosch

BELGIUM

Kortenberg / Bastogne / Haasrode / Pulderbos / Lummen

FRANCE

Paris / Lorient / Rennes / Metz

Leudelange / Bascharage

LUXEMBOURG

GERMANY

Cologne

CZECH REPUBLIC Prague / Brno

UNITED KINGDOM Manchester

CERTIFICATIONS

- ISO9001 Quality
- > ISO27001 Information security
- > ISO14001 Environmental management > ISO50001 - Energy management
- > ISAE3402 Type II Quality assurance services
- > NEN 7510 Information security healthcare

7.047

EURO'S X 1,000 FIGURES 2017 FIGURES 2018



PARTICIPATIONS

- Aguestora
- Sensite Solutions
- > Centrale24
- Simac Professional
- > Chess Wise GX International
- Passengera
- > Treams
- > Vital10





RESULTS 2019

223.151 258.619

13.088

7.767

10.883

TURNOVER

276.314

OPERATING RESULT

11.159

NET PROFIT

- Acquisition hmb
- > Acquisition 50% share in Centrale24
- > Opening office in Lummen (Belgium)

HIGHLIGHTS 2019

- > Split-up Simac QuadCore
- Merger Simac IT NL
- > ISO50001 energy management certificate awarded
- > Opening new office Simac Triangle in Eindhoven

SOCIAL RESPONSIBILITY Simac sponsors 98 initiatives and projects **ENERGY / ENVIRONMENT** CO2 emissions per FTE: decrease of 9,5% in 2019 > 17% of our annual electricity consumption in 2019 is generated with solar panels

OUR SERVICES

INFORMATION TECHNOLOGY

- Networking
- Cloud services
- Workspace and mobility
- > IT security
- > Retail services
- > Healthcare services
- > Cabling & Infrastructure
- > Internet of Things
- > IT Staffing
- > IT Performance Monitoring
- Smart City Technology

SMART SOLUTIONS

- Machine vision solutions
- Mechatronics
- ID solutions
- Connectivity
- Document automation
- Invoice processing
- > Industrial automation
- Managed print services
- > Installation and
- measurement equipment
- Client tracking systems
- > E-learning



STAFF MEMBERS

1.390

JUBILEES 45

INTERNS

29













1 FINANCIAL SOLID FOUNDATION 2 DIVERSIFICATION OF ACTIVITIES 3 LONG-TERM CONTRACTS WITH CUSTOMERS 4 EMPLOYEE AND CULTURE ARE CENTRAL 5 ROOM FOR INNOVATION 6 RESPONSIBLE INTERACTION WITH ENVIRONMENT



Jaké ISP funkce F5 podporuje

Carrier-Grade NAT (CGNAT)

• Gi-FW

Plnohodnotná DDoS ochrana

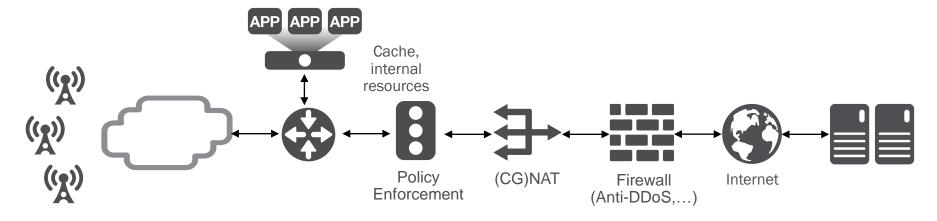
Aplikace politik na zákazníky

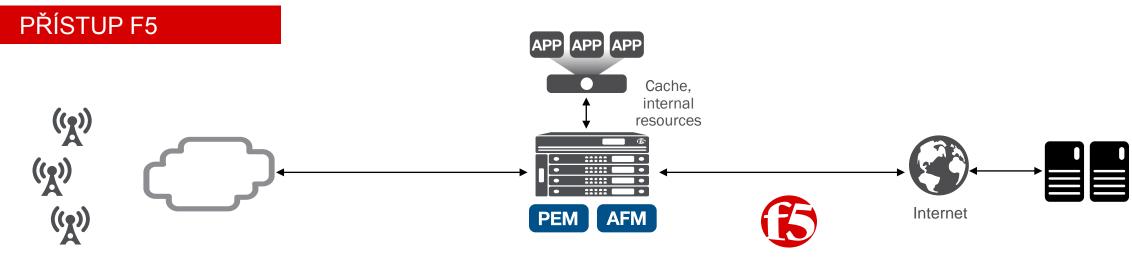
DPI (Deep-packet-inspection)

Edge (okraj) sítě poskytovatele internetu

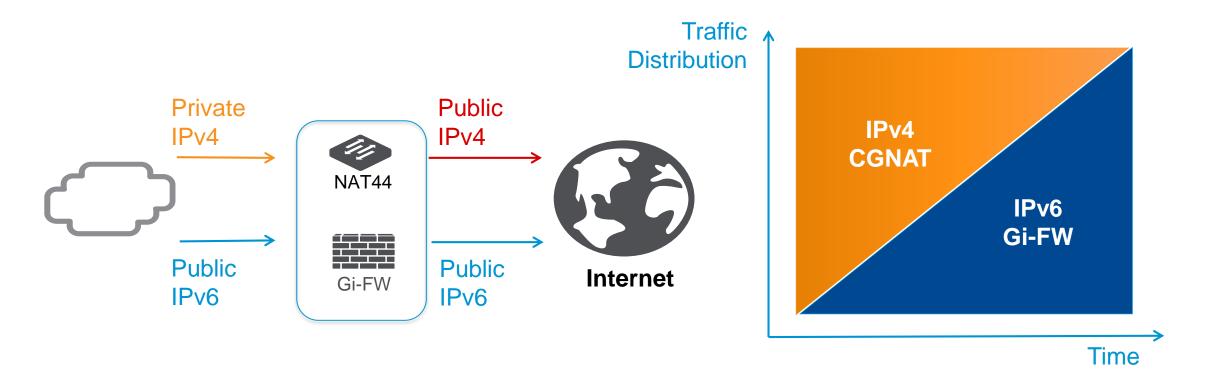
Přehled funkcionalit

TRADIČNÍ PŘÍSTUP





Konsolidovaný SP-FW + CGNAT



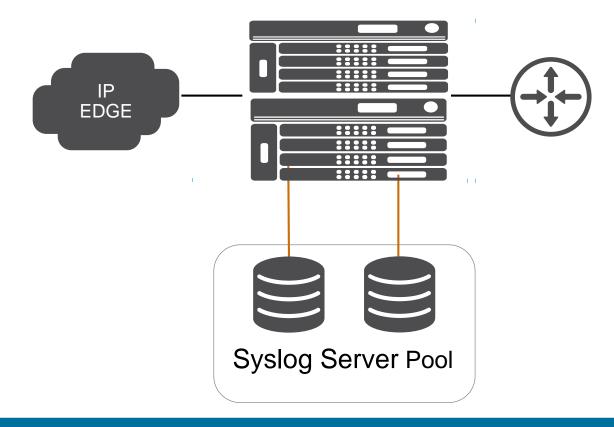
UNPRECEDENTED SCALE &
PERFORMANCE

GRADUAL TRANSITION FROM IPV4 CGNAT TO IPV6 GI-FW

INVESTMENT PROTECTION

Carrier-grade NAT (CGNAT)

Vysokorychlostní flexibilní logování pro data retention



Customized log content

• IP, ports, **User**, ...

Carrier Grade Performance

- High Speed Logging
- Syslog (TCP/UDP), IPFIX

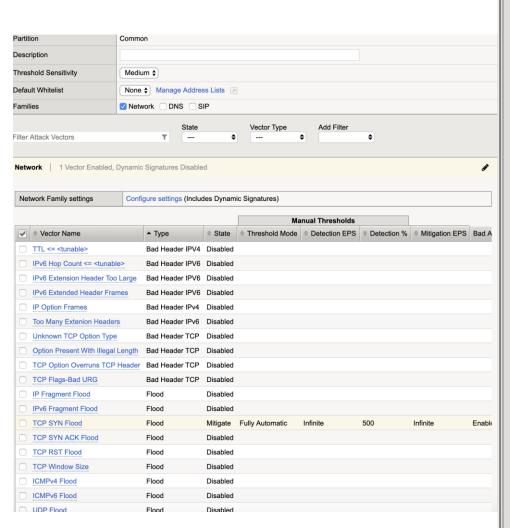
Scalability/Reliability

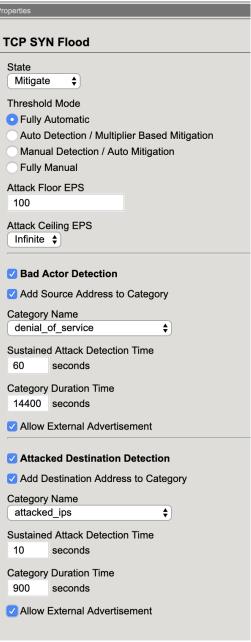
- Pool of syslog servers
- LB per log message
- Health check

Logging Infrastructure is a critical part of CGNAT implementations

Plnohodnotná DDoS ochrana

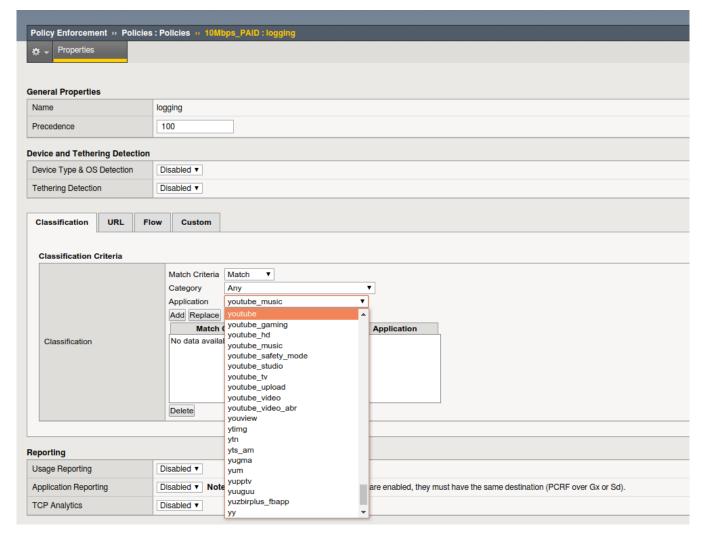
- Manual Configuration
- Detection / Reporting only
- Auto-Threshold (Learning)
- Dynamic Attack Signatures
- Bad Actor and Attacked Destination Detection
- Ability to initiate BGP Blackhole, Redirect, Flowspec



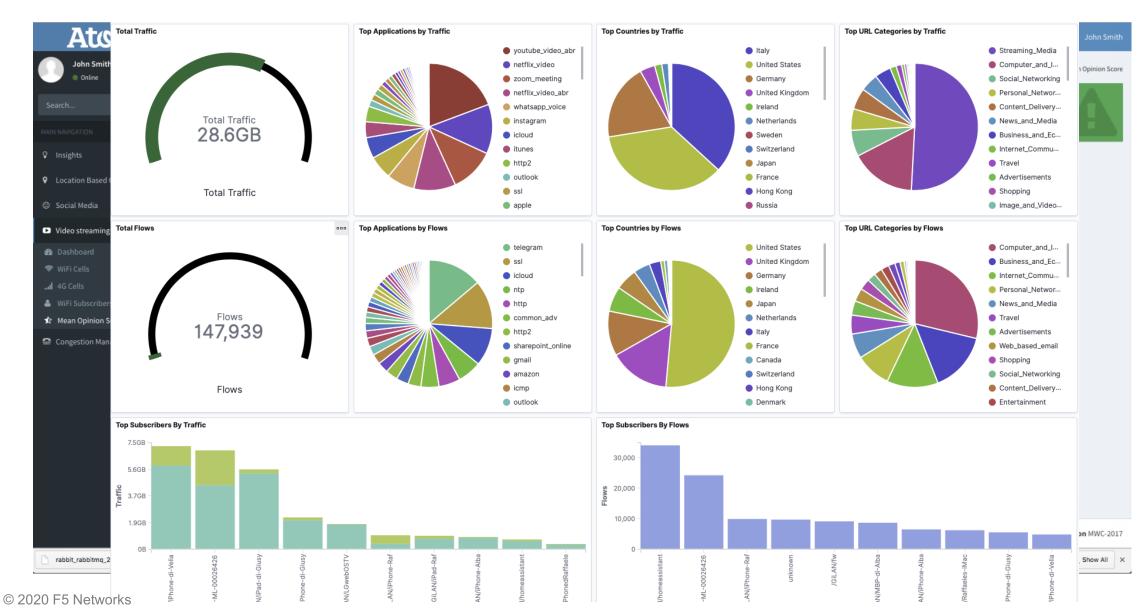


Aplikace politik na zákazníky a DPI

- Shaping
- Traffic steering
- HTTP redirect insertion
- ~ 4000 signatures in DPI engine
- Customizable by scripting
- Reporting



Ukázka reportingu (externí nástroj)



Přehled F5 platforem

Good, Better, Best Platforms























200M

1Gbps

3Gbps

5Gbps

10Gbps

HighPerf vCPU based





















i2000 series

i4000 series

i5000 Series

i7000 Series i1x000 Series

i15000 Series

VIPRION 2200 VIPRION 2400 VIPRION 4480 VIPRION 4800

Virtual

F5 Virtual Editions

Provide flexible deployment options for virtual environments and the cloud, both private and public

Virtual ADC is best for:

- Accelerated deployment
- Maximizing data center efficiency
- Private and public cloud deployments
- · Application or tenant-based pods
- Keeping security close to the app
- · Lab, test, and QA deployments
- · License Management with BIG-IQ

Physical

F5 physical ADCs

High-performance w/dedicated hardware

Physical ADC is best for:

- Fastest performance
- Highest scale
- · SSL offload, compression, and accelerated DoS mitigation
- An all F5 solution: integrated HW+SW
- Edge and front door services
- · Purpose-built isolation for application delivery workloads
- iSeries have FPGA based TurboFlex for chip-level customization

Hybrid

Physical + virtual = hybrid ADC infrastructure

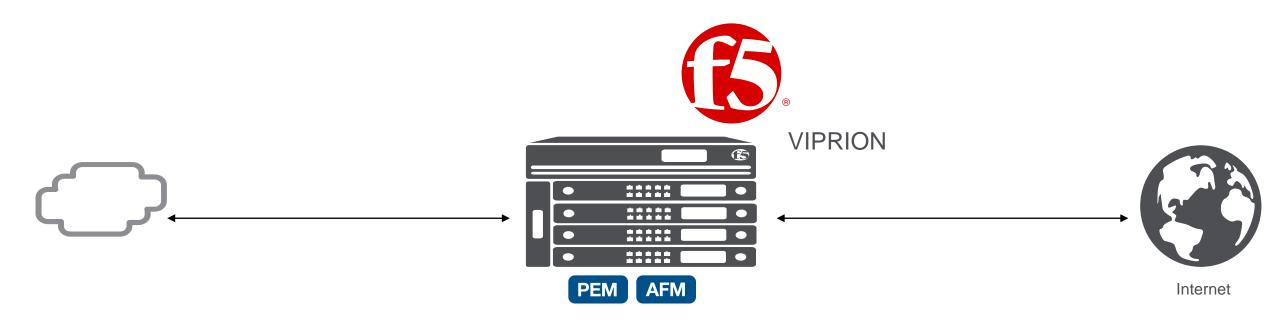
Ultimate flexibility and performance

Hybrid ADC is best for:

- Transitioning from physical to virtual and private data center to cloud
- Cloud bursting
- Splitting large workloads
- · Tiered levels of service
- Private Cloud

Škálování (VIPRION)

- Add blades
- More blades => higher performance



Děkujeme za pozornost





