Portfolio

1. H5 audits
   - About us, Vision and Mission
   - Customers and Partners

2. Network Performance Intelligence
   - 2.1 Visibility needs - Users expectations
   - 2.2 Volume, Performance, packets capture
   - 2.3 H5 product ranges
   - 2.4 Data Access
H5 audits

ABOUT US, VISION & MISSION, CUSTOMERS AND PARTNERS
About us

French Software Company since 2009

- 2011 : H5-700 10 Gig
- 2015 : Cyclic Capture-Rolling Buffer, new Range H5-App cc
- 2017 : Cloud applications based (O 365, One drive, etc…)
- 2018 : H5-800 40 gig

100+ Customers & 1000+ IT audits

- Thales Alenia Space, Airbus Defense and Space, Safran, CNES
- Decathlon, Generali, Sanofi, Club Méditerranée
- EDF, Cities and public companies, French Ministry of Defence, NATO
Vision & Mission

In order to improve IT operations, Enterprises, Service Providers and Governmental Organizations rely heavily on their global IP network infrastructure for their business applications and business services.

H5 provides to Enterprises, Service Providers and Governmental Organizations a global Network Performance Intelligence solution. A vital need for quick, accessible and comprehensive IT business visibility.
Customers and Partners
2.1 NETWORK PERFORMANCE INTELLIGENCE

VISIBILITY EXPECTATIONS OF ORGANISATION PLAYERS
Visibility needs - Users expectations – IT Manager

- Track critical Business applications and Business Services
- Take the right Business decisions – business effective capacity planning
- Improve collaboration within IT teams

- Business Flow SLA Reporting
- Tailored and Synthetic Business Dashboards
- Common solution for all IT actors
Visibility needs - Users expectations – Network Eng.

- Understand the causes of malfunction and/or degradation
- Improve infrastructure
- Accelerate problem resolutions

- Identification of causes: is it the network or the apps?
- Customizable reports by « drag and drop » (metrics, graphs,…)
- Fast and Friendly GUI
Visibility needs - Users expectations – Business

- Fast understanding of incidents root causes
- Enhance productivity
- Improve tickets resolution time

- Business flow ALERTING in real-time
- PROACTIVE rather than REACTIVE
- Dedicated dashboards
Visibility needs - Users expectations

Unique business flows reporting solution
One common solution for all actors
2.2

NETWORK PERFORMANCE INTELLIGENCE

VOLUME, PERFORMANCE, PACKETS CAPTURE
Volume

Captured and stored Data
✓ Bytes sent and received
✓ Throughput per second - in & out
✓ Apps Connections count

Aggregated Data by business flows that are defined by IP addresses & TCP/UDP port
✓ Data aggregation and over-time persistence
✓ Data analysis and drilldown
✓ Reporting and Broadcast
✓ Triggering of alerting
Performance

TCP
✓ Connection setup time
✓ Server Response Time
✓ TCP Round trip time (RTT)
✓ Retransmissions

RTP
✓ Jitter
✓ Packet Loss
✓ MOS
Packet Capture

Advanced Filters layout « TCPDUMP »

Planification:
- On past periods
- Instantaneously
- On setup
- On alert

Packets management:
- Storage
- Reviewing
- Export
2.3 NETWORK PERFORMANCE INTELLIGENCE

H5 PRODUCTS RANGE
## H5 Range

<table>
<thead>
<tr>
<th>Product Range</th>
<th>Business Flow support</th>
<th>Volume Monitoring</th>
<th>Performance Monitoring</th>
<th>Packets Capture</th>
<th>Infrastructure Visibility</th>
<th>Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>H5-Flow</td>
<td>✔</td>
<td>✔</td>
<td></td>
<td>✔</td>
<td>✔</td>
<td>From 50 interfaces 50K-500K flow</td>
</tr>
<tr>
<td>H5-Appliance</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>10 Mb/s to 40 Gb/s</td>
</tr>
</tbody>
</table>

General Company Presentation
Network Performance Intelligence

DATA ACCESS
H5 Network Performance Intelligence Data Access

H5 Dock
Analytics Client

H5 Reporting
HTML5 Portal

Zabbix
Integration
H5 Dock Analytics Client
- Display 70 metrics in Real Time:
  - Bytes, Mbps, Packet loss, Response Time, Network Delay, Jitter, Bursts, etc.
  - Switch from table to chart in seconds… and vice versa…
  - Zoom to minute granularity
  - Drilldown to flow level
H5 Network Performance Intelligence Data Access

H5 Reporting HTML5 Portal

- Distribute reports across the organisation
- High who-gets-what granularity
- Service Assurance, Health Reports, Capacity Planning, etc.
H5 Network Performance Intelligence Data Access

Zabbix Integration
- Based on H5 SOAP Client
- Download Network Traffic data from H5 appliance
- Network Supervision Systems
- Create Network Traffic Dashboards and Alerts for:
  - Network objects: SaaS servers, Remote sites, etc.
  - New Metrics/Items: Flow Packet Loss, Network Delay, Response Time, etc.
To know more about our solutions

Meet us on our Booth

Join our Workshop Tomorrow
8:45 AM