



# Network Performance Intelligence

DATA ACCESS

# About H5 Network

## **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
- 2020 : New H5-App cc - 63 to 308 TB

## **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

# H5 Network – Targeted Business, Users, Topics...

## Targeted Business

Multi sites companies  
Managed WAN companies  
Business Applications  
hosted in Public Cloud  
Business Applications  
hosted in a DC  
IT Outsourced Enterprises  
...

## Users

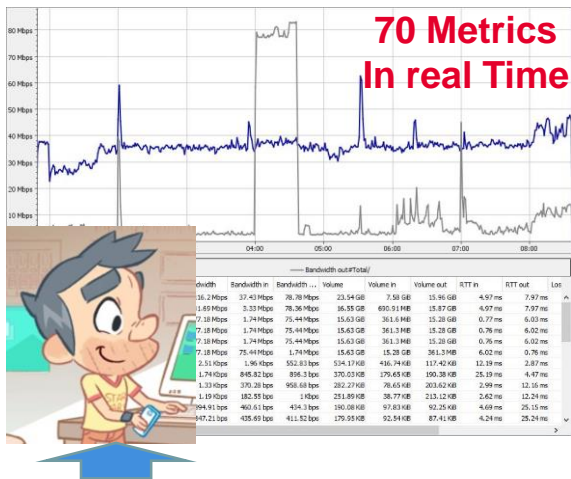
Operation executive  
Business Manager  
IT Manager  
Network Engineer

## Topics

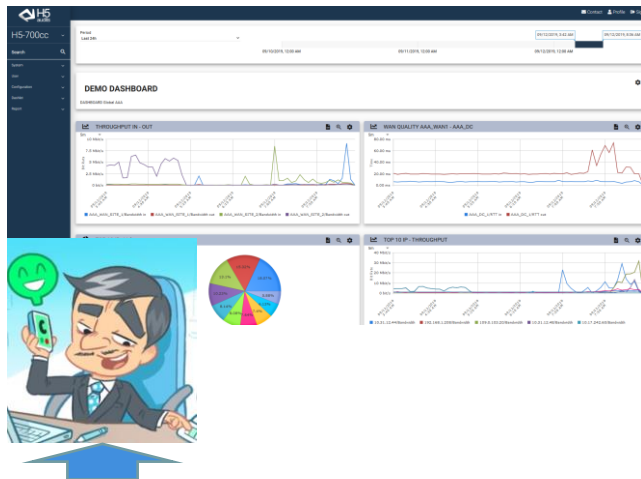
VoIP deployment.  
Data Center  
consolidation or move.  
Virtualization and Server  
Consolidation.  
Implementing SLA's.  
Upgrading links.  
Corporate mergers and  
acquisitions.

# H5 Network Performance Intelligence Data Access

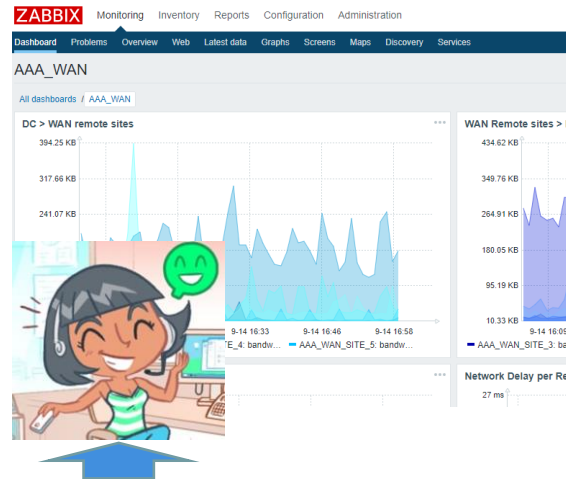
H5 Dock  
Analytics Client



H5 Reporting  
HTML5 Portal



Zabbix  
Integration



## H5 Network Performance Intelligence Data Metrics

ZABBIX

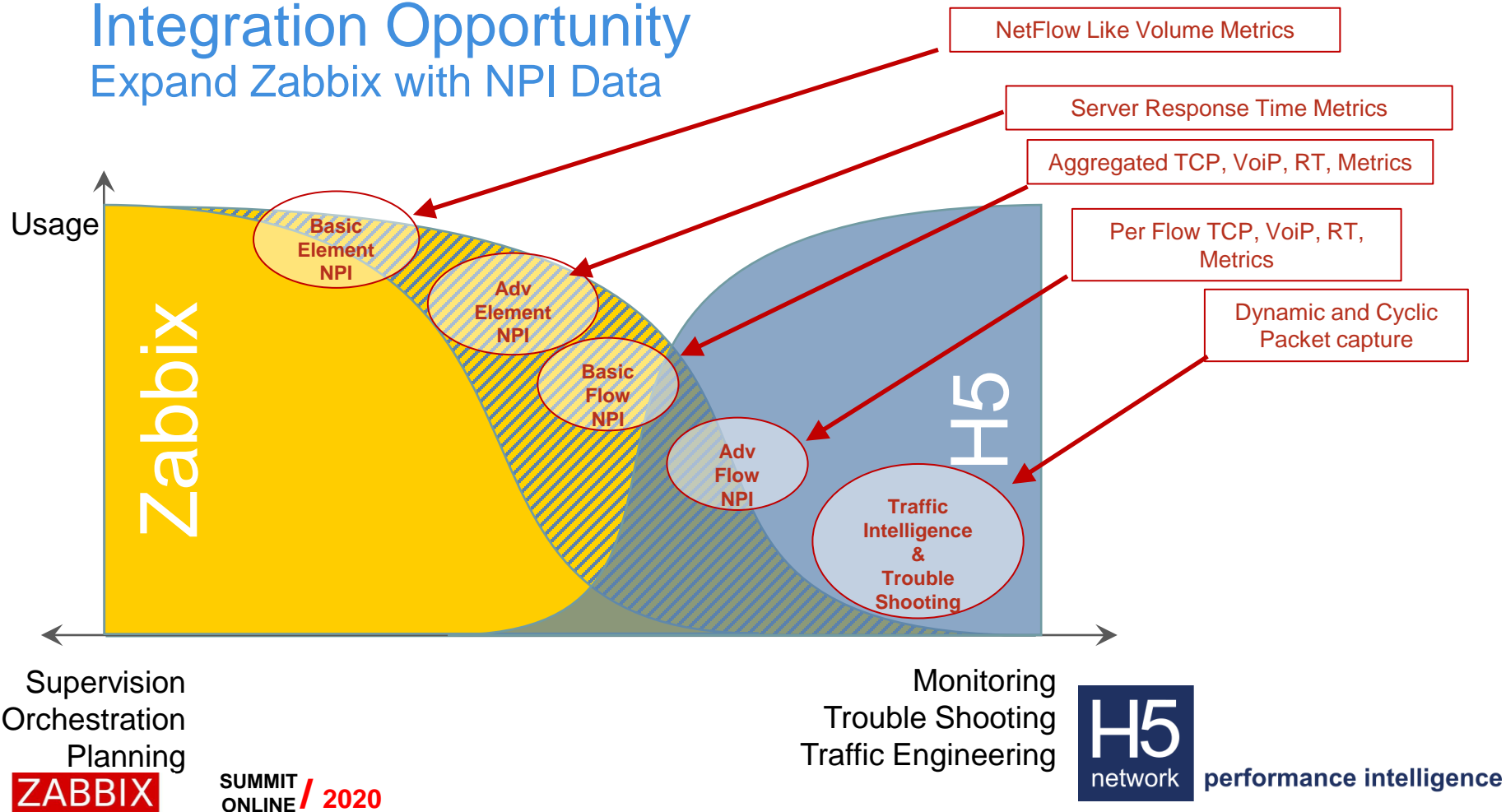
SUMMIT  
ONLINE / 2020

H5  
network

performance intelligence

# Integration Opportunity

## Expand Zabbix with NPI Data



# H5 Network Zabbix Integration

## Zabbix Integration

Based on H5 SOAP Client

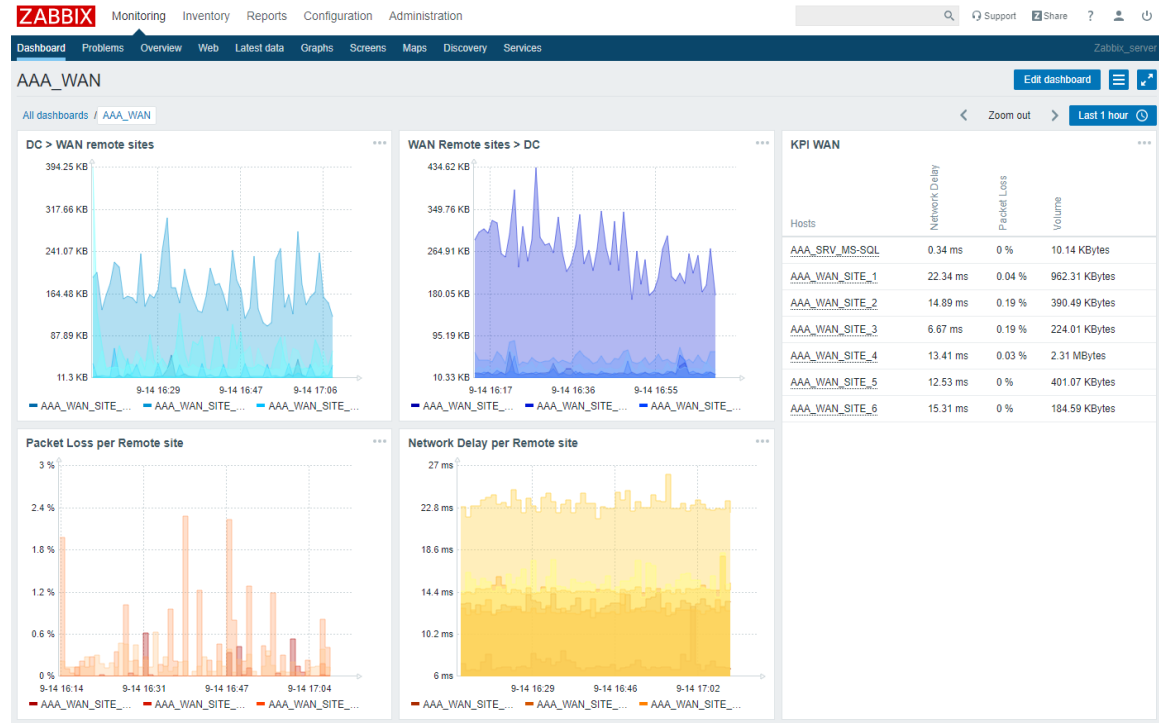
Download Network Traffic data  
from H5 appliance

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.



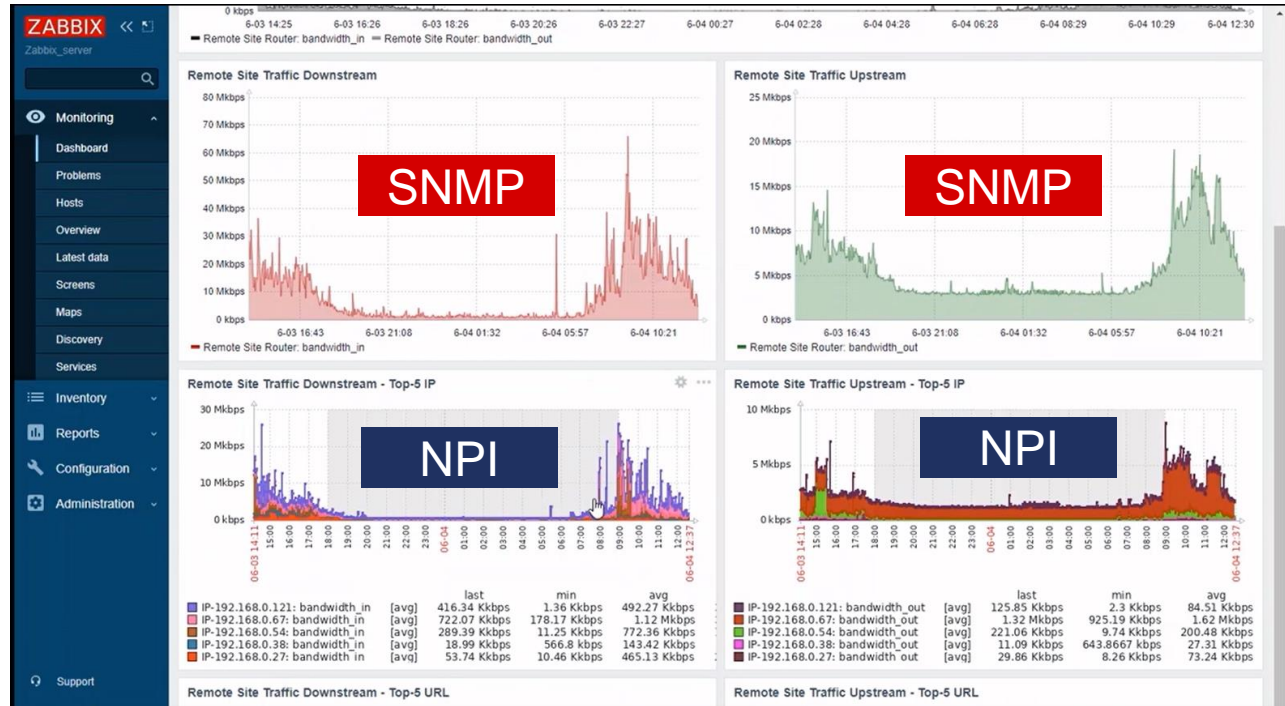
# Augmented Zabbix Dashboards

Typical SNMP or Server Agent data enable efficient infrastructure Oriented Dashboard

H5 NPI data integration allow IT managers to :

Increase existing Dashboards with Application or Real Time Flow data

Build new Dashboards with flow data from external providers or unreachable locations.

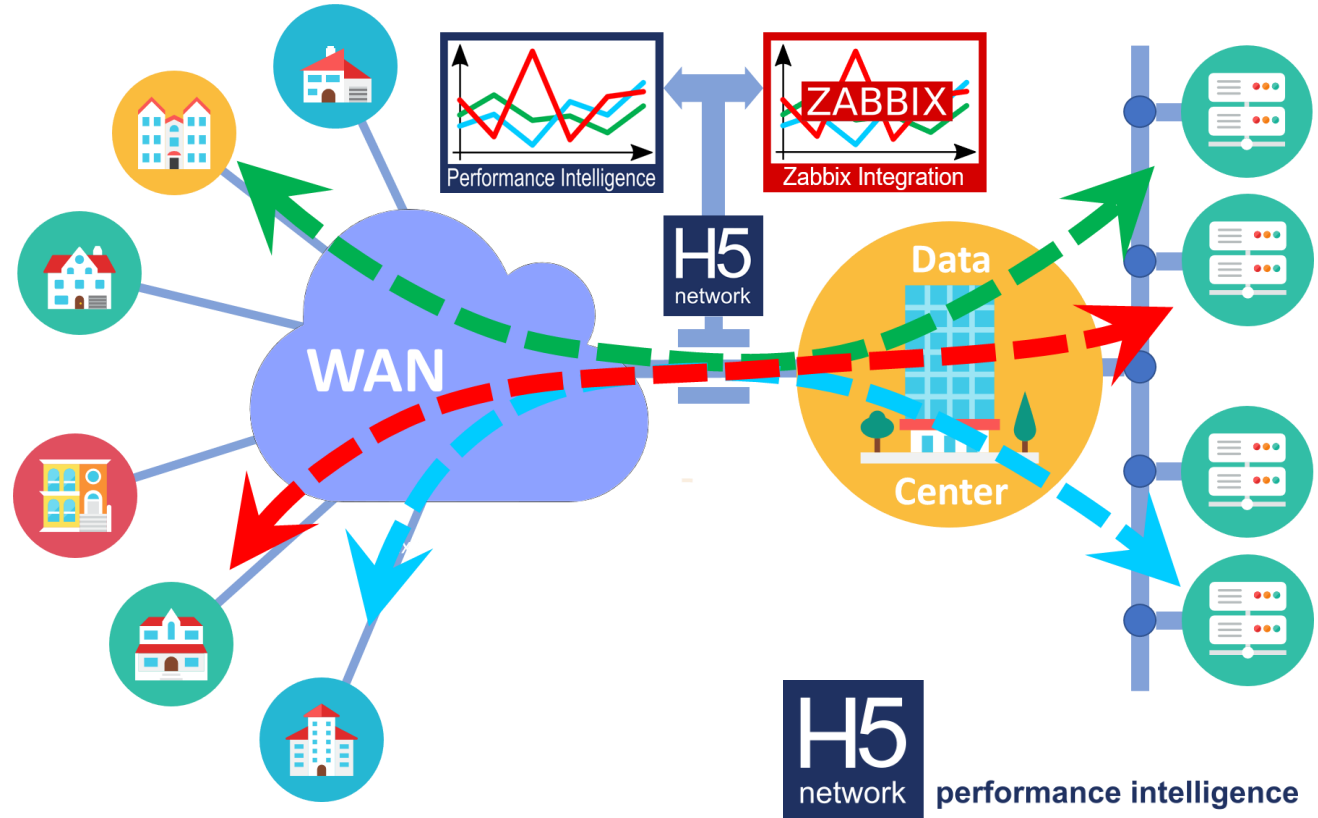


# Wan Capacity Planning Use Case

Capture Application flows from WAN Link Traffic.

Feed H5 NPI Reports and Analytics for WAN Trouble Shooting.

Feed Zabbix Dashboards for augmented WAN capacity Planning.



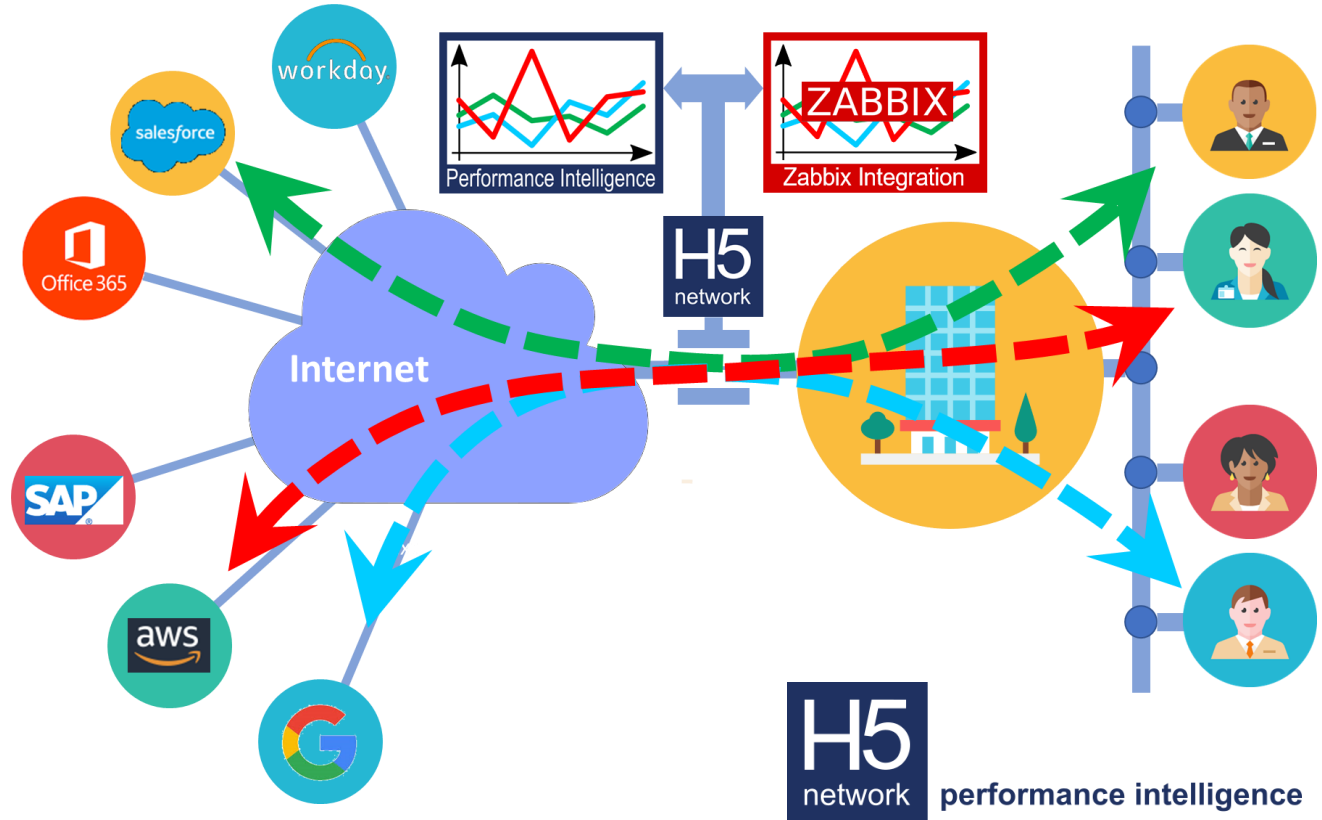


# Cloud monitoring Use Case

Capture Application flows from Internet Link Traffic.

Feed H5 NPI Reports and Analytics for Cloud Applications Trouble Shooting.

Feed Zabbix Dashboards with Cloud Applications Monitoring Data.

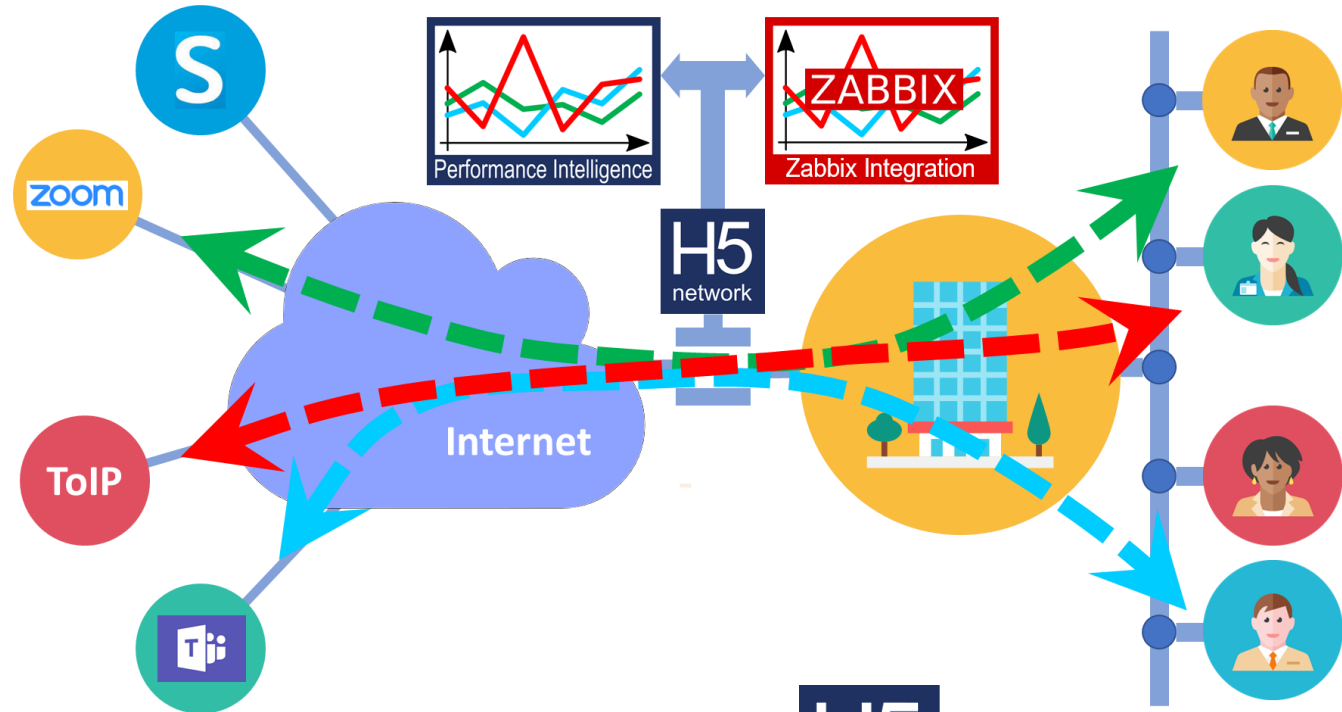


# Teams, Skype, Zoom, ToIP Monitoring Use Case

# Capture Voice and Visio Real Time flows from WAN Link Traffic.

# Feed H5 NPI Reports and Analytics for RT Flows Trouble Shooting.

# Feed Zabbix Dashboards With RT Flows Monitoring Data.

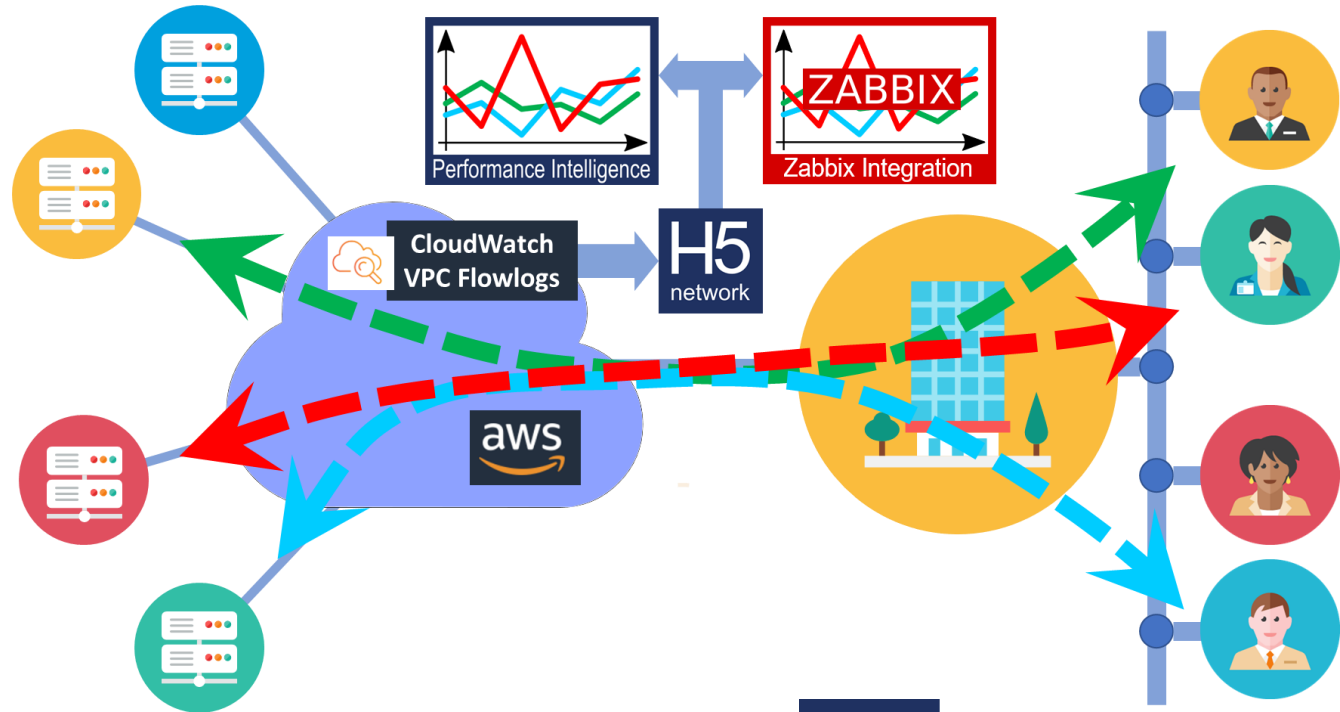


# AWS Use Case

Export AWS VPC Flow Logs from CloudWatch.

Feed H5 NPI Reports and Analytics for AWS Trouble Shooting.

Feed Zabbix Dashboards AWS Monitoring Data.



# Thank You