

May 2018



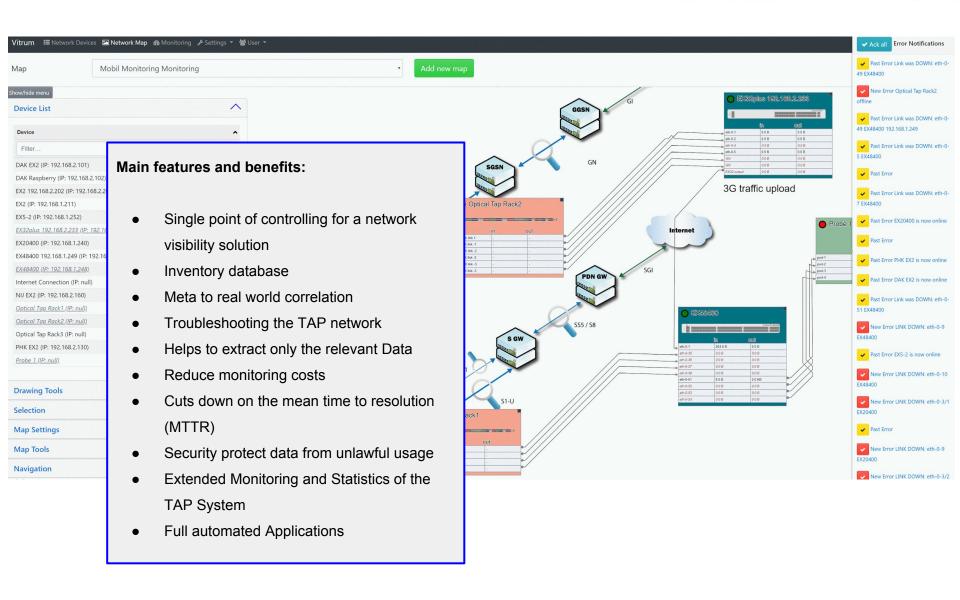


#### What is Cubro Vitrum Management Suite

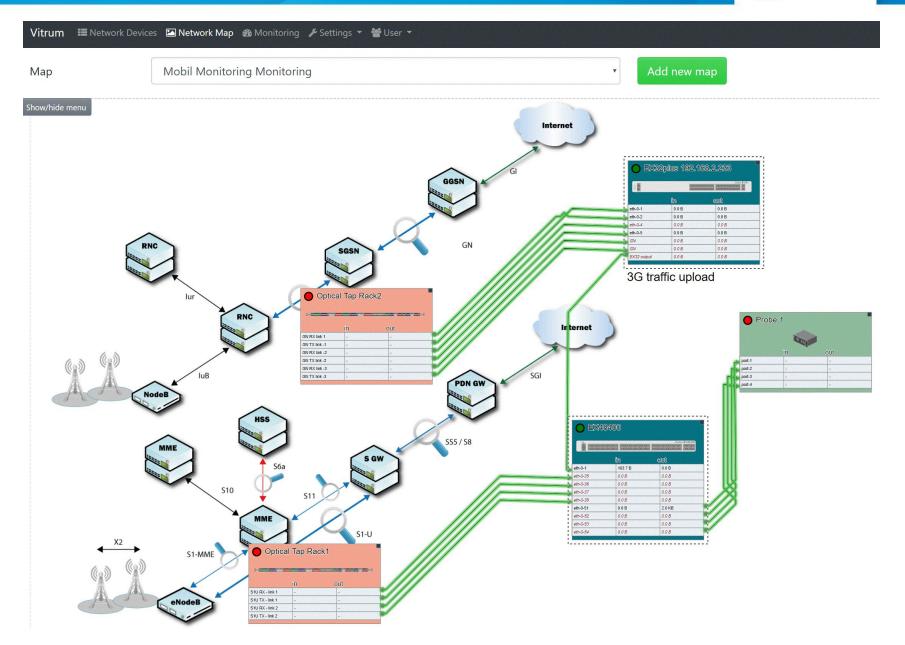


- For network monitoring experts and network administrators using Cubro Packetmasters
  who want centralised control of multiple Cubro Packetmasters and enhance the efficiency of
  the business, the Cubro Vitrum is a versatile network management software that offers
  network topology visualisation.
- The visualisation of the software platform gives a better overview of the network and its traffic.
- The batch backup, upgrade and the error center allow for easy management of Cubro's devices.
- It is capable of including third party devices in the visualisations. Kibana and Grafana integration allow the user to create and customize graphical dashboards that show all the necessary information at one glance.







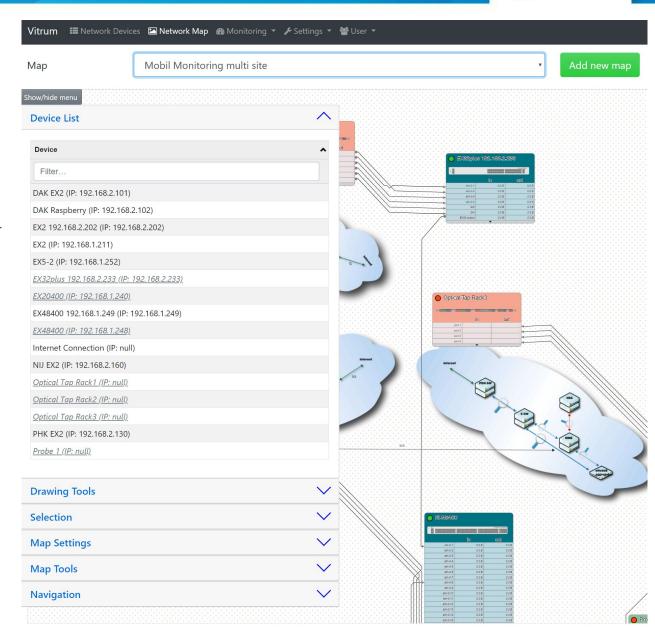


#### **Main Functions**



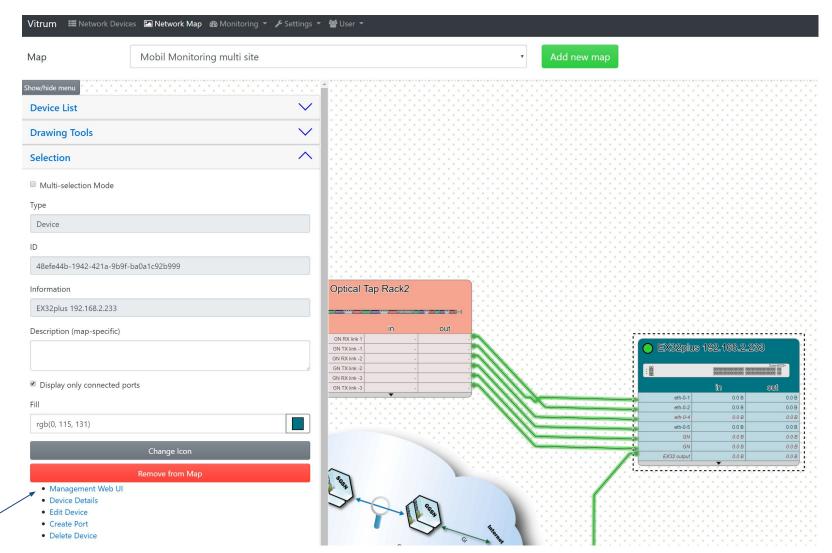
- Instant remote collaboration
- Network Visualization Map allows you to see the network topology at one glance.
- Inventory Database allows you to keep track of all your devices easily. No need to remember IP addresses, just one click forwards you to the management website of that device; assign names and notes to every device and port and readily see what every piece of network equipment does.
- Batch Backup and Upgrade with a single click. Batch upgrade makes it easy to keep your devices up to date. Upgrade scheduling allows you to hit that 3 am upgrade window without trouble.





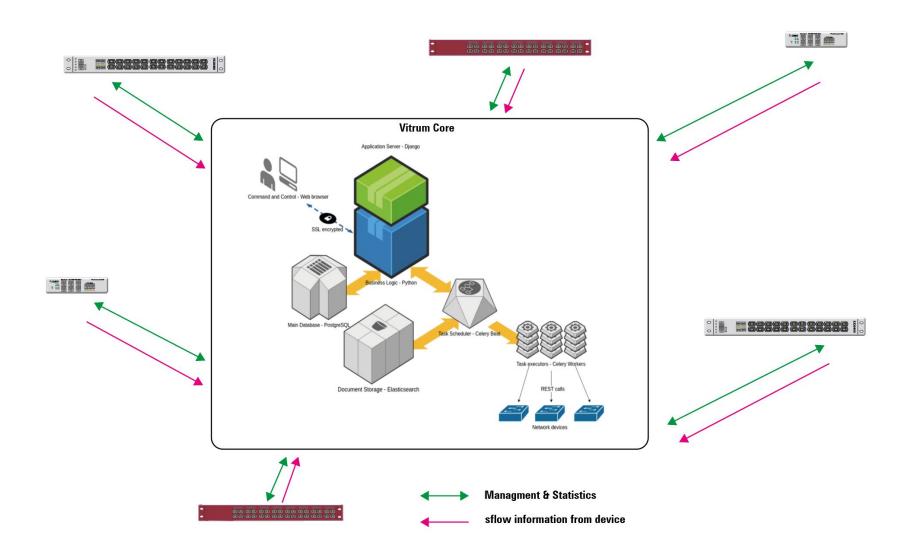
connected device list





drill down to unit





#### **Main Functions**



- Built-in Grafana and Kibana integration allows you to create customized dashboards. Want to show the difference between all ingress port counters and the egress counters of the aggregated output to see if you are losing packets? No problem! Want to have a graph showing the uptime of your devices? Easily done!
- The error center gathers error events (e.g. device went offline, or port went down) and alerts you using on-page notifications.
- Real-time collaboration can be used by multiple users at the same time.
- Deployment via VM All you need to do is import the Cubro Vitrum VM into your existing VMWare or VirtualBox host system and instantly start using it.
- Modular and scalable software design, cloud ready



Open source tools gives you the option to modify or develop your own dashboard







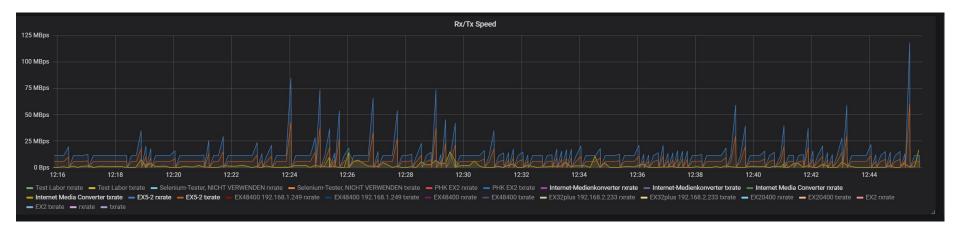


#### **Grafana Dashboard**





#### **Bandwidth port statistics**



#### **Future Outlook**



- Counter calculator The counter calculator will work like a simple Excel sheet with live-updating data.
- Traffic analyzer Using sFlow and similar technologies the traffic analyzer will give you an in-depth view of what is happening on your network. With this, for instance, you can figure out what kind of traffic is sent from which device to what IP.
- SNMP and email alarms The Error Center will be able to forward the error notifications as SNMP traps or via email. Additionally, the status of all Cubro Network Packet Brokers and Cubro Vitrum will be accessible over SNMP polling.

#### **Cubro Product Portfolio**



#### **Probes**

Mobile Probes and FlowVista

# Network Packet Brokers

Packetmasters & Sessionmasters

#### **TAPs**

Optical, BIDI, Copper, Flex, Converter, Aggregation

#### **Bypass**

**Optical and Copper** 

#### Misc.

Breakout boxes and Media Converters

Cubro Vitrum

Management Suite



### Thank You



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