

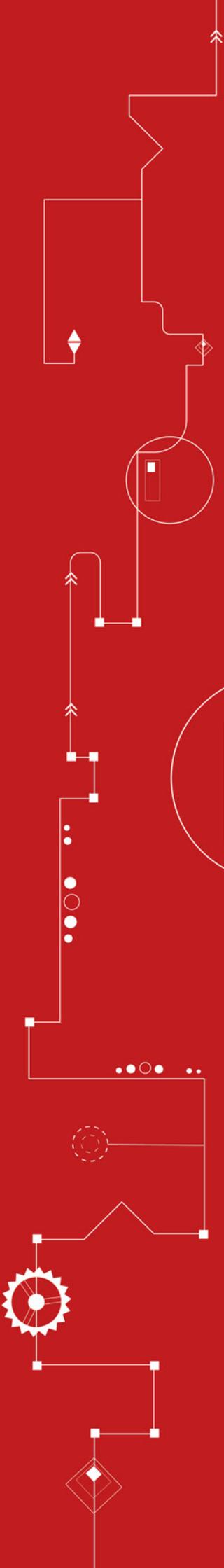


CUBRO
NETWORK VISIBILITY

HOW TO USE OMNIA10 AS IPFIX PROBE



APPLICATION NOTE



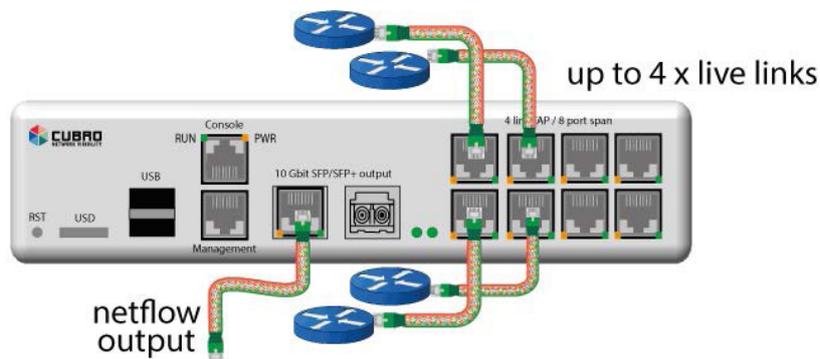
Cubro Omnia10



The Cubro Omnia10 is a universal platform that is small in size yet powerful. It can be used for several monitoring applications for the enterprises, lab testing markets, and tactical markets. The main components of this platform are 4 copper links (8 ports) and 2 x 10 Gbit SPF+ ports, a lot of CPU power and memory, USB 3.0 and M2 disc interface internally*. The copper ports are links safe (TAPs) which enable the device to be used inline.

Especially, in an enterprise application, this is very useful and saves money because one unit can do tapping, aggregation, filtering, IPFIX and capturing the traffic. The unit can be used inline because of the 4 integrated TAPs and with span ports or external TAPs. This gives a lot of possible functions and upgrade options. The upgrade and function changes can be done via the integrated USD card slot. The small mechanical dimension gives the option to mount two units in a one U 19" frame.

How to use Omnia10 as IPFIX Probe



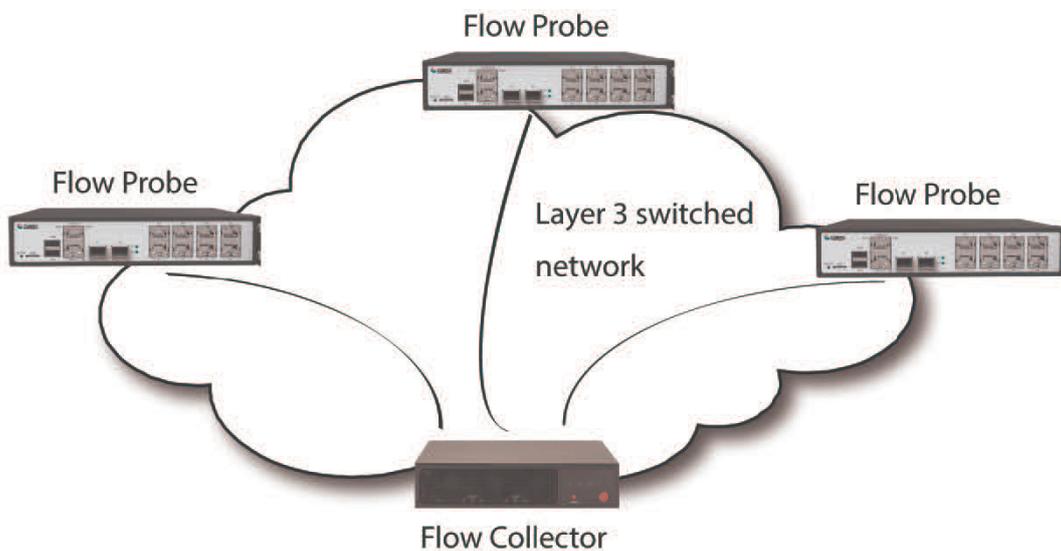
The Omnia10 has another interesting application. The appliance can work as IPFIX Probe in combination with 4 link aggregator plus TAP (in line feature). The unit can work in line because the integrated TAPs help to protect the live link in case of a power outage. The Omnia10 can also aggregate the tapped links, and produce IPFIX CDRs to forward them to a IPFIX collector.

The advantage of this solution is the combination of the three features - tapping, aggregation and probing in one small light weight unit. The unit is easy to install and maintain. The Omnia10 offers more features, better performance at a lower price.



The Omnia10 comes in combination with a flow collector. The flow collector is a standard server with a collector software. There are several collector software applications, commercial and open source, available on the market.

Due to its size, integrated solution and cost-benefit, the Omnia10, as IPFIX Probe, is the perfect solution for a distributed flowmon solution. The solution can work in LAN or in WAN environments.



The IPFIX Probe provides standard IPFIX CDRs and therefore any IPFIX collector can be used to handle the produced records.