Flowmon 10.0 Release Notes

Flowmon 10.0 brings many improvements including revised user experience, distributed architecture, encrypted traffic analysis and visibility IoT and Scada networks. Let us take a closer look.

Improved user experience

Immediately when you log in to Flowmon 10.0 you see that the whole user interface has been reworked. We have not done just a simple facelift, we have also reworked many screens to improve general usability. At the same time, the analysis workflow you are familiar with remains the same.


Distributed Architecture

A single enterprise benefiting from dozens of Flowmon deployments all across the globe, monitoring millions of flows per second. All managed with a single system. Meet the Flowmon Distributed Architecture.

The whole distributed system is controlled by a special dedicated Flowmon appliance called "Master Unit". Full redundancy is ensured by having multiple "Master Units" in place. Flow

collection and processing happens in individual locations on "Slave Units", which are standard Flowmon Collectors.

Aggregated results, reports and dashboard data is delivered to the "Master Unit". To scale up to individual locations, the "Proxy Unit" is used to distribute flow data among multiple "Slave Units" and manages their configuration.

High Availability is achieved via a set of two (or even more) identical groups of appliances deployed in individual locations.
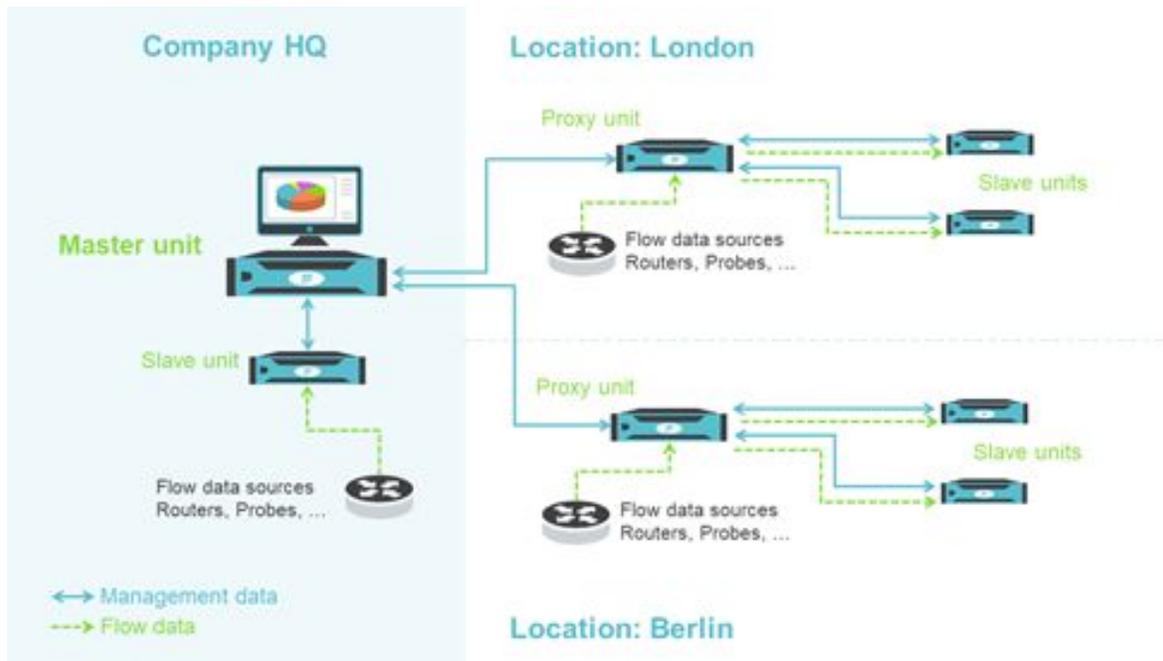
Everything is easy to manage; all the setup is done from the "Master Unit" and from this unit, it is also possible to perform the configuration of the individual units.

Native monitoring of IOT/ICS environments

Flowmon comes with new features and capabilities to extend the monitoring of the native IoT environment (represented by the CoAP protocol) and the ICS/SCADA environment in energy distribution technology networks (represented by the IEC 104 protocol).

Such visibility goes beyond flow level and reveals critical information from the application layer showing executed commands or even transmitted data, thus delivering much better value than much more complex and less scalable packet capture solutions.
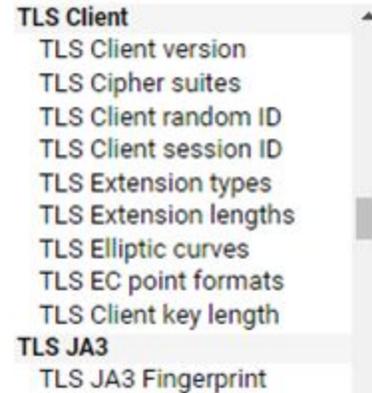
Encrypted traffic analysis for better security

Flowmon 10.0 brings visibility into encrypted traffic. Without the need to breach user privacy you can report on various characteristics of encrypted traffic, including:

- Protocol version,
- Encryption algorithm,
- Cipher suite,
- Certificate details and much more.

Also, Flowmon supports JA3 fingerprint, designed to recognize malicious clients in the network based on their overall SSL/TLS characteristics.

Encrypted traffic analysis is the key technology to cope with the latest threats and discover network compromise.

TLS Client
TLS Client version
TLS Cipher suites
TLS Client random ID
TLS Client session ID
TLS Extension types
TLS Extension lengths
TLS Elliptic curves
TLS EC point formats
TLS Client key length
TLS JA3
TLS JA3 Fingerprint

And there is more…

We have also made many other smaller improvements and fixes. If you are interested in checking out Flowmon 10.0, the simplest way is to try our online demo. Flowmon 10.0 is now also available for download on our partner portal.