

# What is going to be new in Xian Network Manager Io R2

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Beside some overall enhancements in performance, stability and user-interface, Xian Network Manager Io R2 will have some new features which will reduce the time needed to start monitoring your network. Below you can find the most important ones. The expected release date of R2 is end march 2010.

## Automatic thresholds

Before Xian Io R2, if you discovered many switches it was always a complicated task to choose the correct thresholds, especially when it concerned traffic, packets, etc. on interfaces. With the automatic thresholding feature in R2, this task belongs to the past. Automatic thresholding monitors the interface for defined time and chooses a correct threshold for you. Of course you can request a recalculate at any moment and also if the automatic device update discovers new interfaces the threshold is set automatically. This feature saves you a lot of time and guarantees you that interfaces are monitored correctly.

## Data optimization

To be able to control the flow of counters and events sent to Operations Manager and SQL Server, Network Manager Io R2 checks if data to be send is active. For example if you have a switch with many interfaces but only a few are active and with traffic, but you forgot to disable the inactive ones in the rule settings, R2 will filter these out and won't send any counters. However as soon as the interface becomes active again, R2 will resume with the normal interval.

## Topology discovery

Together with Savision ([www.savision.com](http://www.savision.com)), Jalasoft has developed an automatic topology feature. In R2 Network Manager Io will discover all the network connections related with network devices discovered in Network Manager. If you are a Savision Live Maps user you will be able to use this connection information to auto relate the different objects in a Savision Live Map and create easily topology of your network. The advantage of this feature is that the connections that before needed to be done manually, including choosing the right interfaces, is now done completely automatically.

## Custom rules

Although Network Manager supports many rules out of the box for a large range of devices, it is still possible that the counter or device you want to monitor is not available. As of R2 you can create your own rules for any device that supports SNMP. Of course you need to have some knowledge about MIBs and OIDs, but the creation of the rule only takes a few minutes in Network Manager and is available immediately. In this way Network Manager will be able to monitor any network device that is in your environment!

## SNMP v3

Many people have asked for it and now it is becoming available in R2. If your device supports SNMP v3 you can use it for monitoring your device in a more secure way. Of course all the other features Network Manager has to monitor your network in a secure way will still be available.

If you have any questions about the features above, don't hesitate to contact us at [sales@jalasoft.com](mailto:sales@jalasoft.com)