![MantisNet logo]

# Overview

## RFP | Reconfigurable Frame Processor

**The MantisNet Reconfigurable Frame Processor (RFP-48)** provides visibility into network traffic allowing filtering, aggregation, load balancing, and replication of traffic flows across multiple analytic tools.

As network speeds continue to evolve, the RFP-48 will support your current 1/10 GIG monitoring as well as your migration towards 40 GIG and beyond. Protect your current investment in your existing monitoring tools by targeting traffic of interest and delivering it to these tools while reducing the investment and requirement for higher speed devices.



## Key Features
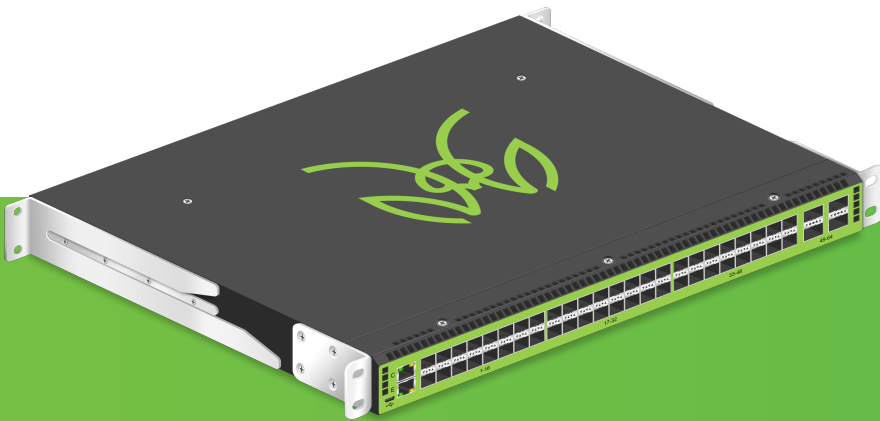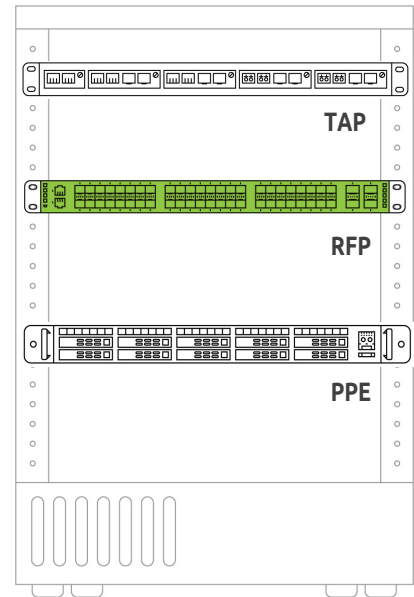
- Up to (48) 1/10 GIG SFP+ Ports and (4) 40 GIG QSFP+ Ports

- Filtering, aggregation, multi-cast, and regeneration

- Works with TAP, SPAN, or mirror ports

- Any port can be ingress (TAP) or egress (monitor)

- Redundant, high availability

- RESTful API, NetConf, CLI, GUI

- Any-to-Any, Many-to Many, Port Mapping

- No port licensing, all ports active

- Symmetric, Flow-Aware load balancing

- Plug & Play Software Defined Networking (SDN) monitoring architecture

## Applications

- Network monitoring
- Performance monitoring
- Application monitoring
- Cyber Security
- Network forensics recording
- CALEA
- Intrusion Detection and Prevention
- Mobile network monitoring: 3G, 4G (LTE)

## Benefits

- Tool Sharing- Reduce costs by sharing expensive tools across departments and organizations

- Investment Protection- Use existing low speed tools for high speed circuits by filtering traffic of interest directed to existing tools

# Monitoring Infrastructure



production network

mantis TAP

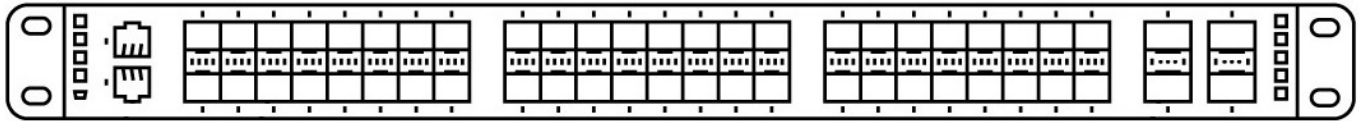mantis RFP
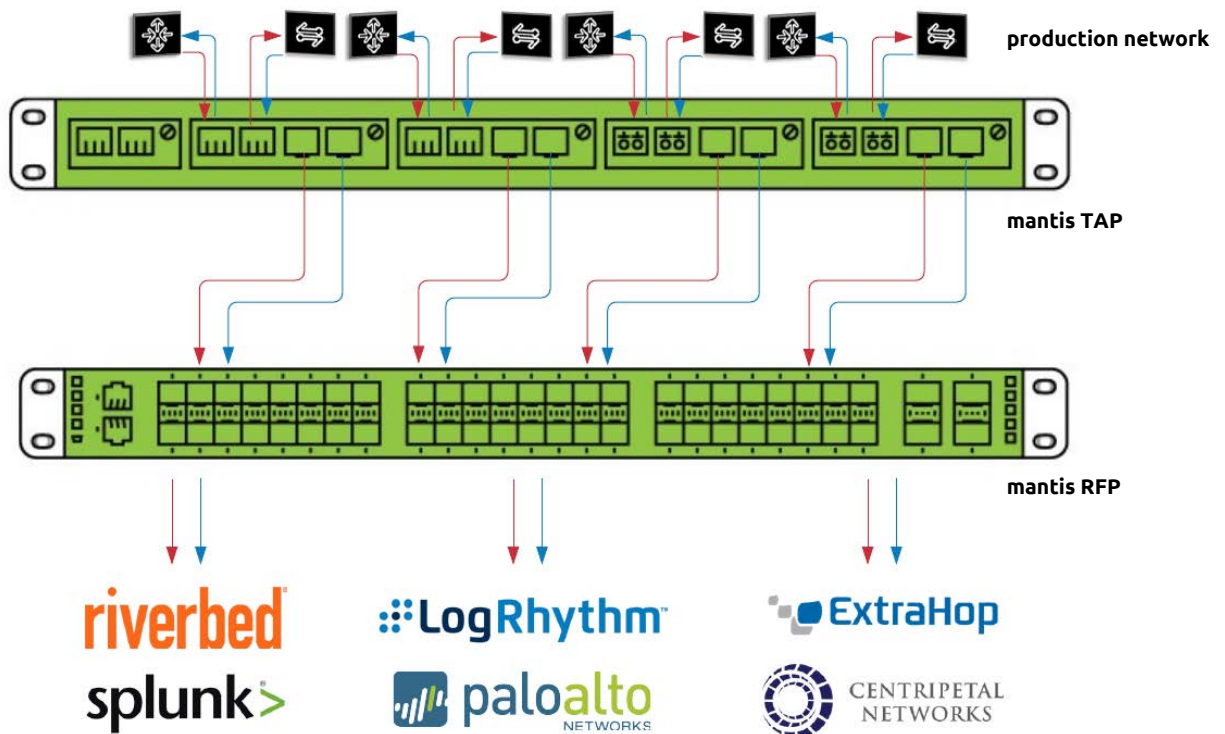
# Graphical User Interface:
## MantisView

**MantisView is a web-based, graphical user-interface** that allows users to configure the RFP through a straight-forward "point and click" display.

Configure ports, group ports together, establish policies for data flows, filter out unwanted traffic-all of these actions can be accomplished within MantisView
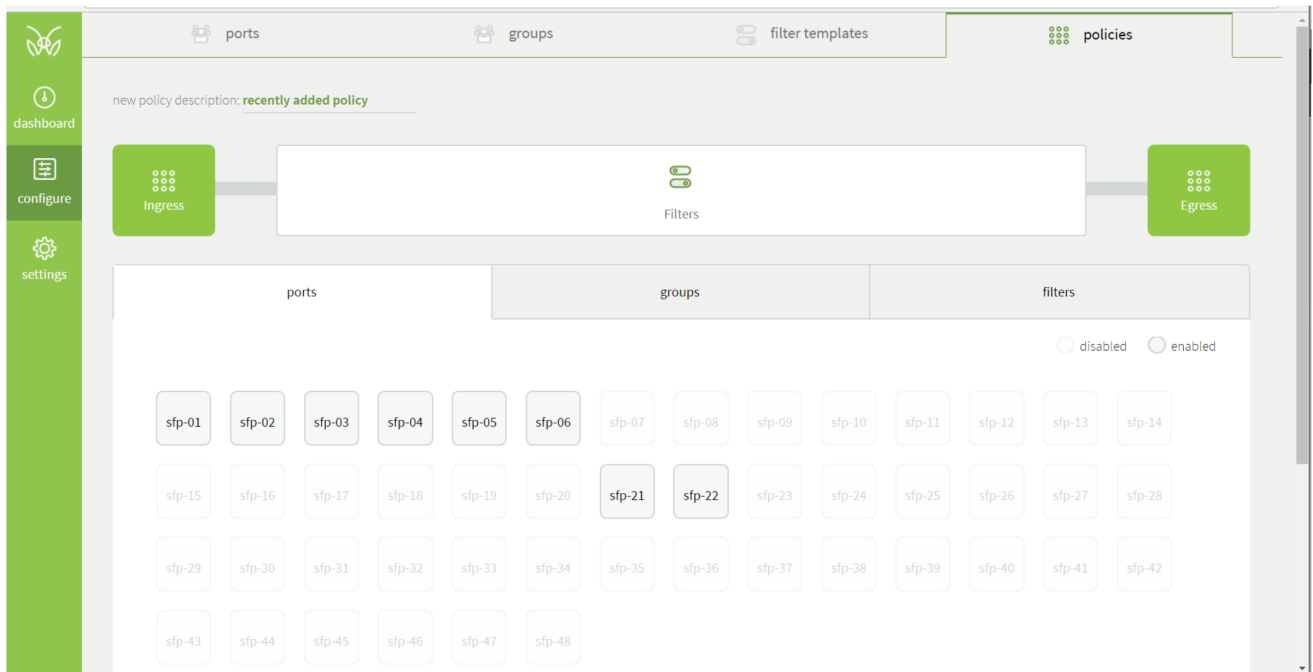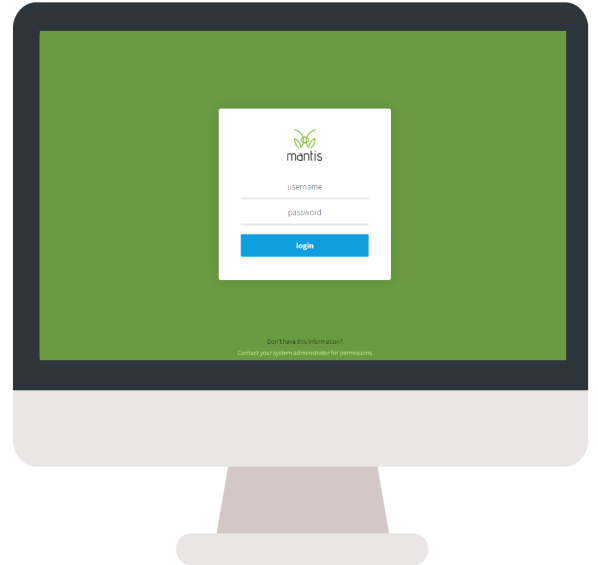
# Key Features

- **Set filters easily with a few clicks of the mouse**
- **Aggregate multiple streams of network traffic**
- **Point and click design reduces troubleshooting time**
- **Web-based log-in allows for remote access, anywhere there is an internet connection**
- **100% reconfigurable- create, save, and later edit RFP configurations with ease**

**RFP-48**

## Functional Specifications

|  | RFP-48 |
|---|---|
| 1 GIG Copper/RJ-45 | n/a |
| 1/10 GIG SFP | (48) 1 GbE (SFP) or 10 GbE (SFP+) |
| QSFP Ports | (4) 40 GbE (QSFP+) |
| Switch Fabric Capacity | 1.28 Tbps |
| Management | RESTful API, CLI, NetConf, JSON-RPC, MantisView GUI |
| Console Ports | 1 x RJ45 Serial |
| Management Port | 10/100/1G BaseT |

## Physical, Environmental, and Power Specifications

|  | RFP-48 |
|---|---|
| Power Supply Redundancy | Yes- Hot Swappable |
| Air Flow | Front to Back |
| Dimensions | 1.75 (H) x 17.25 (L) x 18.75 (D) |
| Weight | 16.94 |
| Input Voltage / Frequency | 100 - 240 VAC / 50 - 60 Hz |
| Operating Tempature | 50 - 122 °F (10 - 50 °C) |
| Operating Relative Humidity | 80% Maximum Relative Humidity |
| Max AC Consumption | 230 |
| Emissions | FCC, CE, VCCI-A, CCC, KCC, BSMI |
| Safety | UL, CE |
| RoHS | Yes |