

# EXFO – RAD Integration

Better visibility in your network



## Benefits of the combined EXFO Brix/RAD Solution:

- › Perform active monitoring and turn-up to the same target
- › Poll port/flow/test metrics for correlation and analysis for added visibility
- › Powerful reporting and analysis with the BrixWorx engine

## BrixWorx Verifier-Based Tests:

- › **OAM monitoring:** OAM-based performance monitoring of services using the 802.1ag and Y.1731 standards
- › **Turn-up test:** RFC 2544 or ITU-T Y.1564 turn-up test using the loopback capabilities of a RAD device

## BrixWorx SNMP-Based RAD Features:

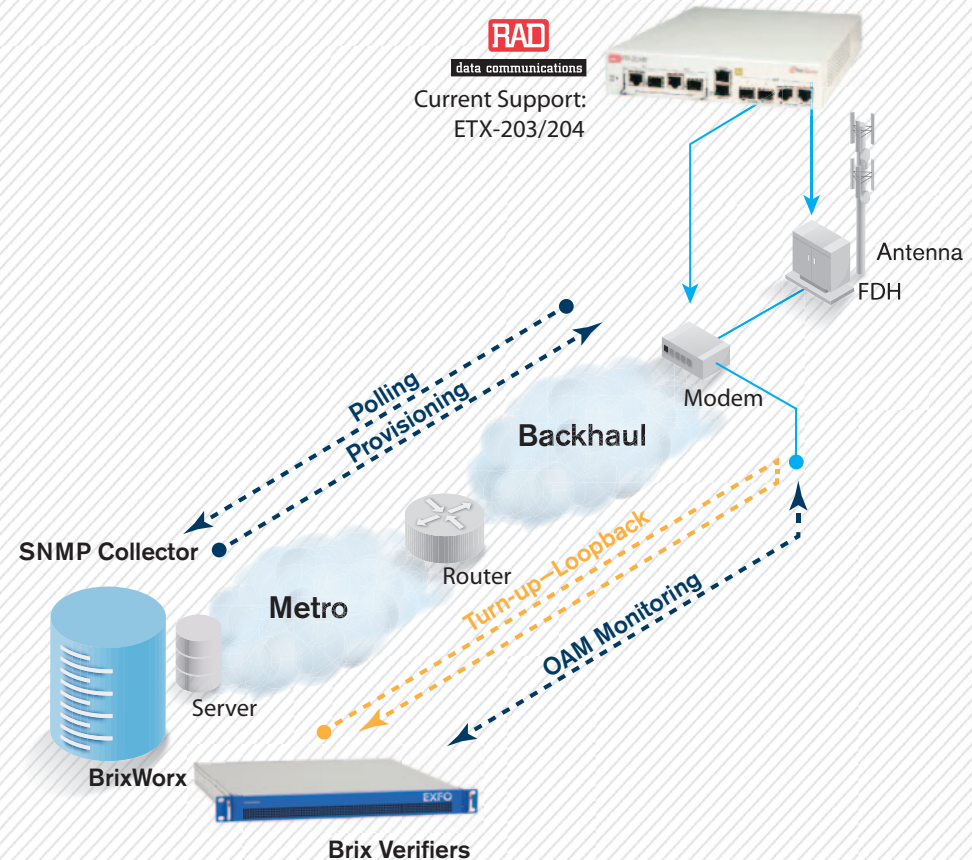
1. Polling of performance metrics via BrixWorx
  - › **Port metrics:** utilization data, frame and error counts per port
  - › **Flow metrics:** utilization data, frame and error counts per EVC
  - › **OAM result poll:** end-to-end performance monitoring data
2. Provisioning
  - › **OAM provisioning:** provisioning of end-to-end Y.1731 performance test on RAD NID

## BrixWorx and Brix Verifiers:

- › Active monitoring and line-rate turn-up
- › Large-scale monitoring: thousands of endpoints per verifier
- › 10/100 to 10 Gigabit Ethernet
- › Reporting and analytics

## RAD ETX Product Line:

- › Ethernet demarcation devices
- › 10/100 to 10 Gigabit Ethernet
- › Flow functions: traffic shaping, classification and filtering
- › Test functions: Ethernet OAM, loopback and responder capabilities



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## Benefits of the Combined EXFO Brix/RAD Solution:

- › Perform active monitoring and turn-up to the same target
- › Powerful reporting and analysis capabilities using BrixWorx
- › MiNID SFP Jacket provides seamless loopback and endpoint monitoring capabilities without additional power or space requirements

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## RAD MiNID Smart SFP:

- › Seamless integration in standard SFP-based cages
- › Full OAM suite with loopback capabilities
- › Service assurance using an RFC 2544 responder
- › In-band management channel with zero-touch provisioning

