

Digital Transformation Demands Unified Network Performance Management

THE NETWORK IS YOUR Digital Transformation Platform

Every digital service traverses a network

EMA RESEARCH

#1

Digital transformation is the top driver of enterprise network strategies



Network performance management platforms provide digital assurance:

- Operational monitoring & troubleshooting
- Security insights
- Capacity management

New digital services need a network that is:

- High-performing
- Right-sized
- Secure

NPM TOOL FRAGMENTATION Undermines Transformation

67% OF ENTERPRISES HAVE 3-6 NPM TOOLS INSTALLED

NETOPS WITH FRAGMENTED TOOLSETS:

- Struggle with problem detection
- Spend more time on reactive troubleshooting

EMA research found that NPM tools should be integrated, not fragmented

Integrated platforms: more effective at performance monitoring than standalone, best-of-breed tools

Tools that can correlate multiple classes of network data are more effective in all NPM use cases

Five Essential Elements of Unified Network Performance Management

1

Diverse Data Collection and Analysis



2

Workflows and Functionality for Five Core Use Cases

- Performance monitoring
- Troubleshooting
- Security monitoring and response
- Capacity management
- Cloud application migration assessment

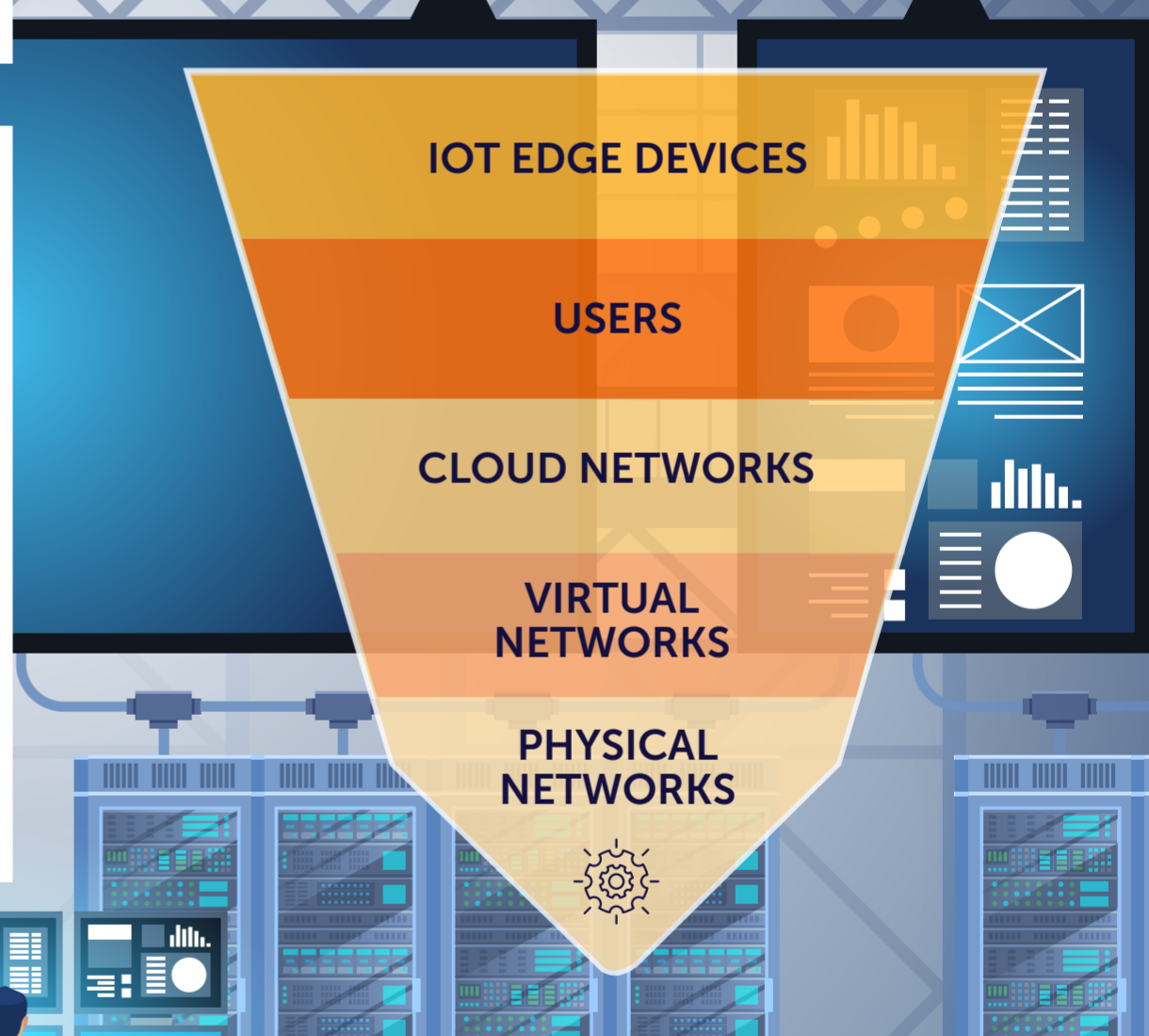
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Platform Scalability

On-premises or in the cloud, the network continues to grow

NPM TOOLS MUST BE ABLE TO:

- Collect data across the ever-growing network
- Process data at scale
- Store data for back-in-time analysis
- Present meaningful insights to NetOps with drilldown into essential information



4

Platform Granularity

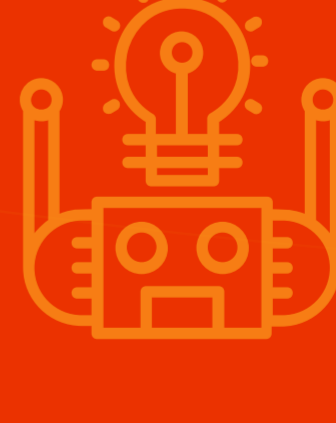
NPM TOOLS OFTEN LACK THE RIGHT INSIGHTS

- TOP COMPLAINTS OF NPM TOOL USERS**
- NO REAL-TIME INSIGHT
 - AGGREGATED DATA (SUMMARIES, NO DRILLDOWN)
 - CONFLICTING/INACCURATE DATA
- NPM TOOLS MUST**
- COLLECT RAW DATA IN TIGHT INTERVALS
 - STORE AS MUCH DATA AS POSSIBLE
 - FACILITATE DRILLDOWNS TO THE DATA THAT PROVIDES CRITICAL INSIGHTS

5

AIops

92% nearly all enterprises are using or want to use embedded AIops functionality in NPM tools



AIops can amplify the expertise of admins and engineers

Top use cases for AIops-driven NPM

- AUTOMATED NETWORK TRAFFIC ANALYSIS
- AUTOMATED ROOT CAUSE ANALYSIS
- AUTOMATED CAPACITY MANAGEMENT
- AUTOMATED SECURITY REMEDIATION

RIVERBED: The Unified NPM Platform

RIVERBED UNIFIED NPM

- Unified packet, flow, and device metrics at scale and with granularity, wherever you need visibility
- Open and integrated across the Riverbed portfolio and with third parties
- Analytics and machine learning at the domain level and across the platform
- Cloud-ready – visibility in and for the cloud

FOR MORE INFORMATION ON RIVERBED NPM, GO TO www.riverbed.com/NPM