

Select Service Summary™

Real-time, network-wide monitoring for enterprise infrastructure and applications

Benefits

- Receive automatic updates on the health of each network domain
- Access summary status counts of outages, errors, warnings and well-health indicators
- Quickly identify problem domains, sites, ports and related circuits
- Home in on the most recent port and circuit events
- Examine the status of individual ports across the past three days to accurately assess network problems, trends and constraints
- Establish port and circuit monitoring thresholds for performance errors and warnings
- Use troubleshooting modules to isolate and solve performance issues

Included with every Analysis Service Element (ASE), Visual UpTime® Select™ Service Summary™ lets you easily analyze network health by providing you a single-screen view of enterprise performance. Understanding the health of your network is essential to operating your business. Select Service Summary removes the complexities of monitoring your entire network by collecting and filtering port and circuit information. Data displayed in a simple, incisive format enables you to immediately identify trouble areas or potential conditions that may put your critical network resources and, ultimately, your business in jeopardy.

Proactive View of Network Health

The screenshot displays the 'Service Summary' page for 'Marquette Manufacturing'. The breadcrumb trail is 'Marquette Manufacturing > Frame Relay Network > Dallas > T1 ASE (10.31.255.3)'. The 'Port Status' section shows 'Oct 7 7:01:13 PM. The port is up.' Below this, 'Port History' shows status for Oct 5, Oct 6, and Today. The 'Status Count of Circuits' shows 3 red, 2 yellow, and 4 green indicators. A table lists circuits with their names, numbers, and health since time. Below the table are sections for 'Latest Port Events' and 'Latest Circuit Events'.

Select	Circuit Name	Circuit Number	Health since	Time
<input type="checkbox"/>	Dallas - Data Center	101	Oct 6	11:15:58 AM
<input type="checkbox"/>	Dallas - Engineering	106	Oct 3	11:18:50 PM
<input type="checkbox"/>	Dallas - Corporate Server	102	Oct 7	9:22:52 AM
<input type="checkbox"/>	Dallas - Systems Engineers	108	Oct 1	11:18:50 PM
<input type="checkbox"/>	Dallas - Customer Relations	104	Oct 6	8:32:15 AM
<input type="checkbox"/>	Dallas - Billing	107	Oct 3	4:10:56 PM
<input type="checkbox"/>	Dallas - Human Resources	109	Oct 5	9:50:32 AM
<input type="checkbox"/>	Dallas - Product Management	105	Oct 1	3:15:16 PM
<input type="checkbox"/>	Dallas - Marketing Comm.	105	Oct 6	1:25:10 PM

Latest Port Events		Latest Circuit Events	
Oct 7	12:23:35 AM	Port Utilization exceeding 350 kbps, equal to or exceeding threshold of 200 kbps.	
Oct 6	8:15:15 PM	DLCI 402 is inactive	
Oct 6	3:15:14 PM	(Network T1 Drop and Insert) - T1 CSU/DSU Access Line is DOWN. Carrier switch has lost T-carrier signal.	
Oct 6	3:14:58 PM	(Network T1 Drop and Insert) - T1 CSU/DSU Access Line is DOWN. Carrier switch has lost T-carrier signal.	
Oct 6	1:14:57 PM	Port Utilization exceeding 300 kbps, equal to or exceeding threshold of 200 kbps.	

Get a complete, network-wide view of performance across every port and circuit in your infrastructure. Custom thresholds alert you to when certain criteria, including utilization, exceed baseline targets so you can troubleshoot problems proactively before they impact business-critical applications.

Assess Network Health in a Single Consolidated View

Knowing the operational state of ports and circuits is critically important. With Select Service Summary, determining the health of your network is just a click away. Performance information for each network is rolled up and presented in counters under service icons that succinctly indicate outage conditions, performance errors, warnings of impending service-affecting problems and overall health.

Customize views to fit your key concerns. For example, for health - choose best or worst; for time - choose most recent or least recent; and for status counts - go from higher to lower. Get additional details on each network by clicking on a displayed domain name or entering a domain name using the search function. You can get right to the problem at hand by navigating the expandable tree that depicts an entire network.

Traverse the Network for Service Details

With Select Service Summary, you can traverse each component of the network by drilling down to uncover performance details. Associated status indicators self-update based on current conditions. Once you reach the circuit-level detail, you can see additional information on the last five ports and circuit events. Need more data? Simply access information for the top five events or the entire circuit and link to the in-depth troubleshooting capabilities of Visual UpTime Select.

Pinpoint the Exact Health of Ports

Select Service Summary graphically displays port-performance history for the past three days. Service-impacting conditions are highlighted so you can see when problems occurred on the port and look for recurring patterns. Color coding helps you focus your attention directly where it's needed: red shows a failing port; orange denotes a performance error; yellow indicates a performance warning; and green reveals healthy port operations.

Tailor Thresholds and Rollups to Fit Your Business Needs

Your system administrator can customize thresholds based on error and warning conditions, applying higher or lower weightings to prioritize events. Exclusion settings can also be applied to network domains, sites, ports and circuits that affect rollups, enabling you to ignore known facilities that are scheduled for routine maintenance or taken out of service due to failure, upgrade or other reasons. Quickly identify degradation on your network before it impacts users or performance.

NETWORK SUPERVISION

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Fluke Networks operates in more than 50 countries worldwide. To find your local office contact details, go to www.flukenetworks.com/contact.

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