



Smart Automated Intrinsic Network Test (SAINT)

ActionPacked! Networks
Lin Dunsmore

HTDV

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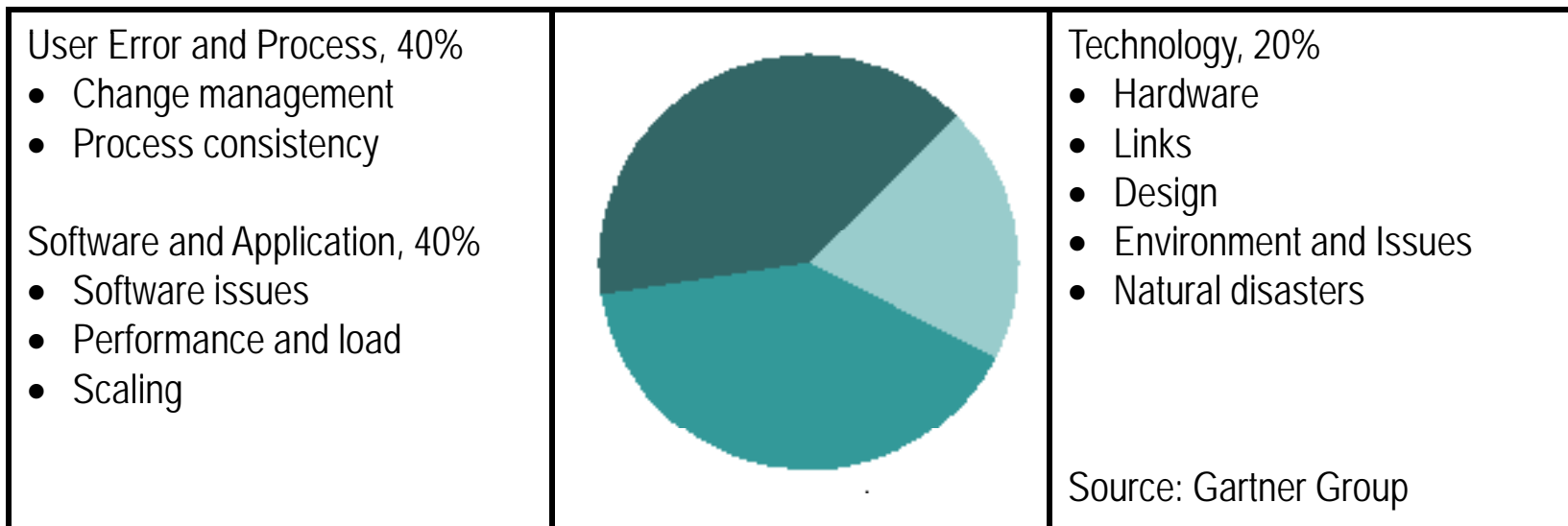
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Problem

Improper or inadequate network testing can be costly.
Outages in excess of > 1M due to loss of services, information, and productivity.



Many network outages can be avoided with proper testing.



Problem

Networks are not thoroughly tested or verified under realistic conditions, making it difficult for operators to deploy, maintain, troubleshoot network infrastructure as well as evaluate network performance under adverse conditions.

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Solution

Provide operators with enhanced capabilities and tools to test and verify proper network functionality in the field.

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SAINT

Smart Automated Intrinsic Network Test

- Software-based intelligent tool
- Leverage existing network infrastructure
- Easy-to-use and quick-to-deploy
- Suitable for both military and commercial sectors

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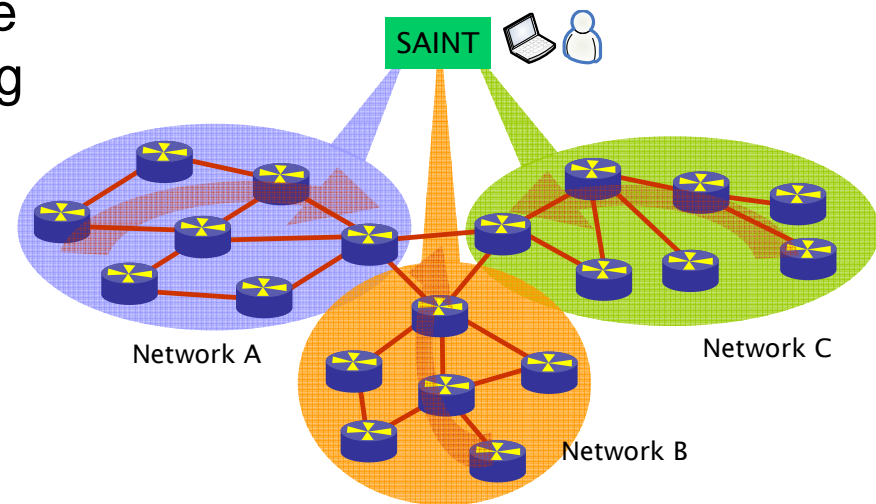
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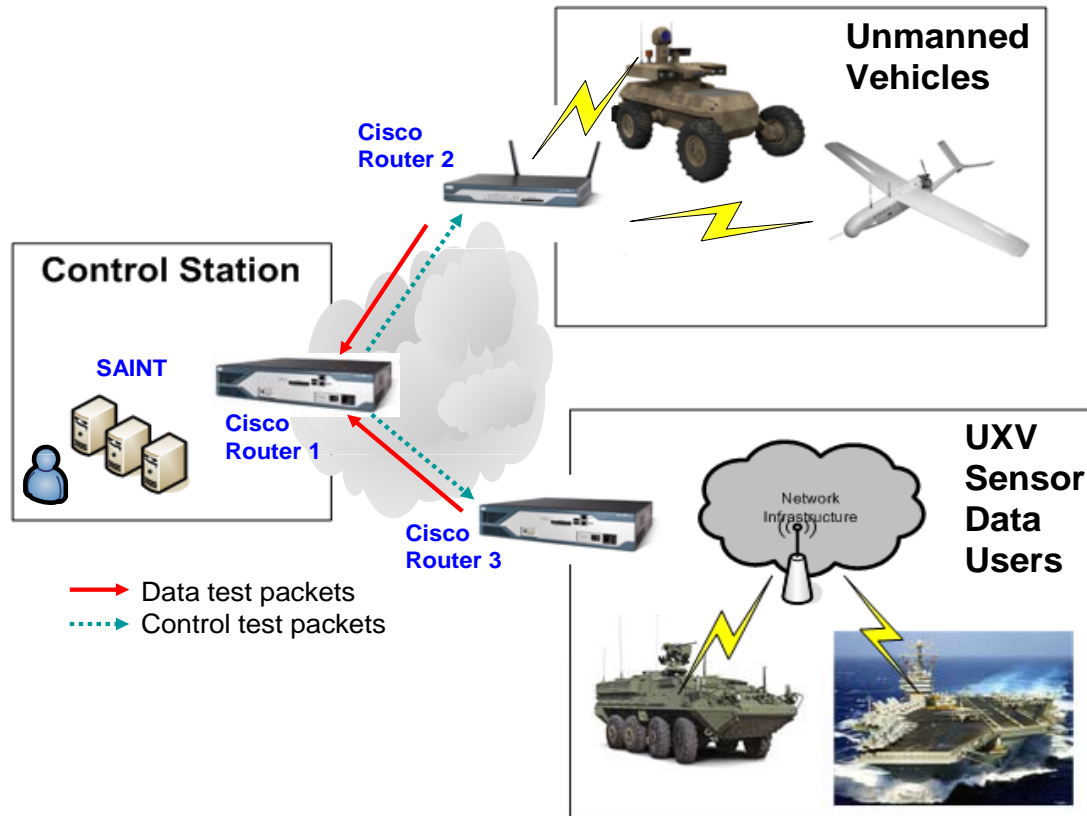
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Key Benefits

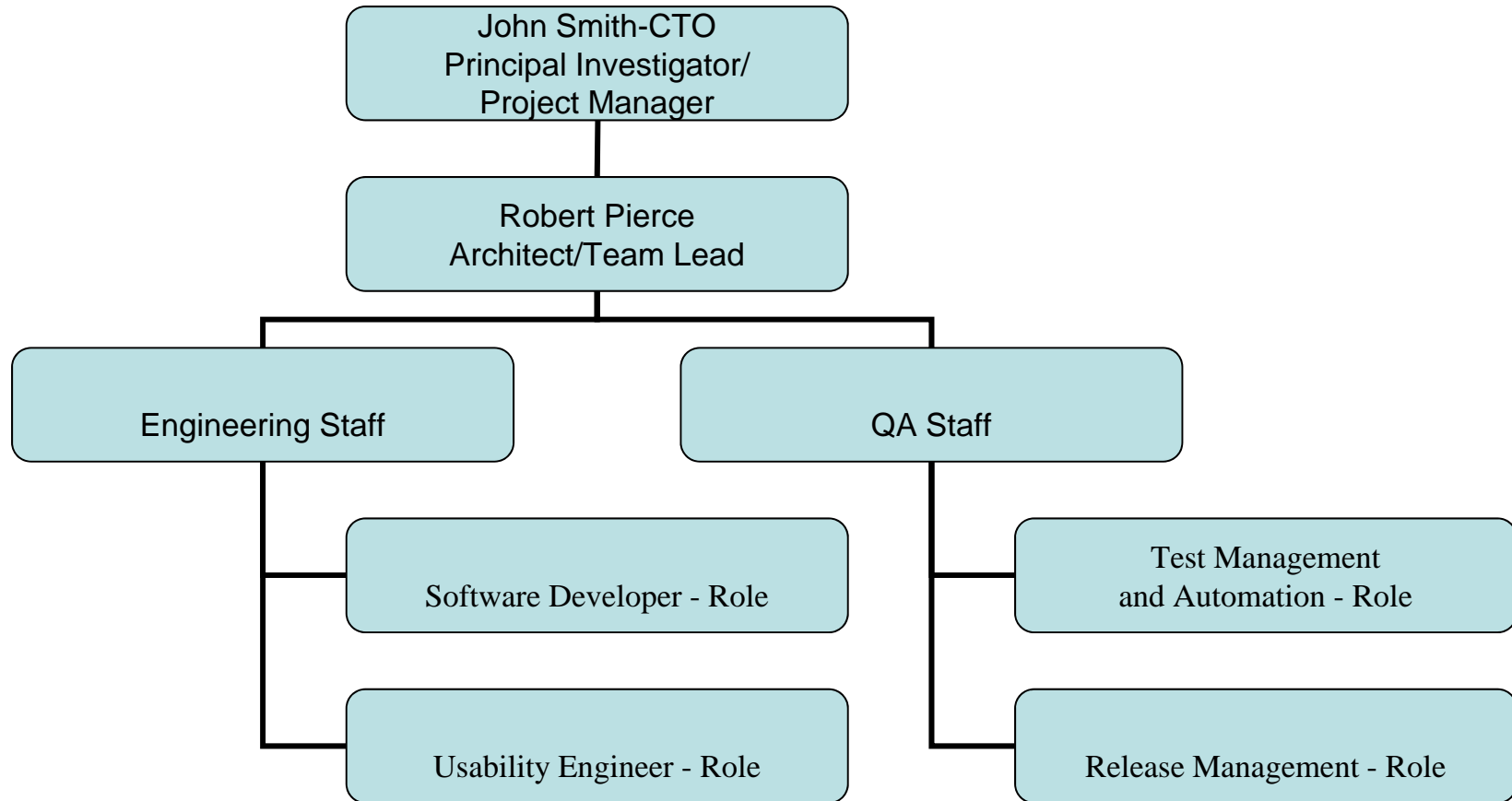
- Reduces network deployment time
- Reduces maintenance and training
- Improves network availability
- Significantly reduces need for expensive hardware-based test equipment
- Supports up to 100 Cisco devices



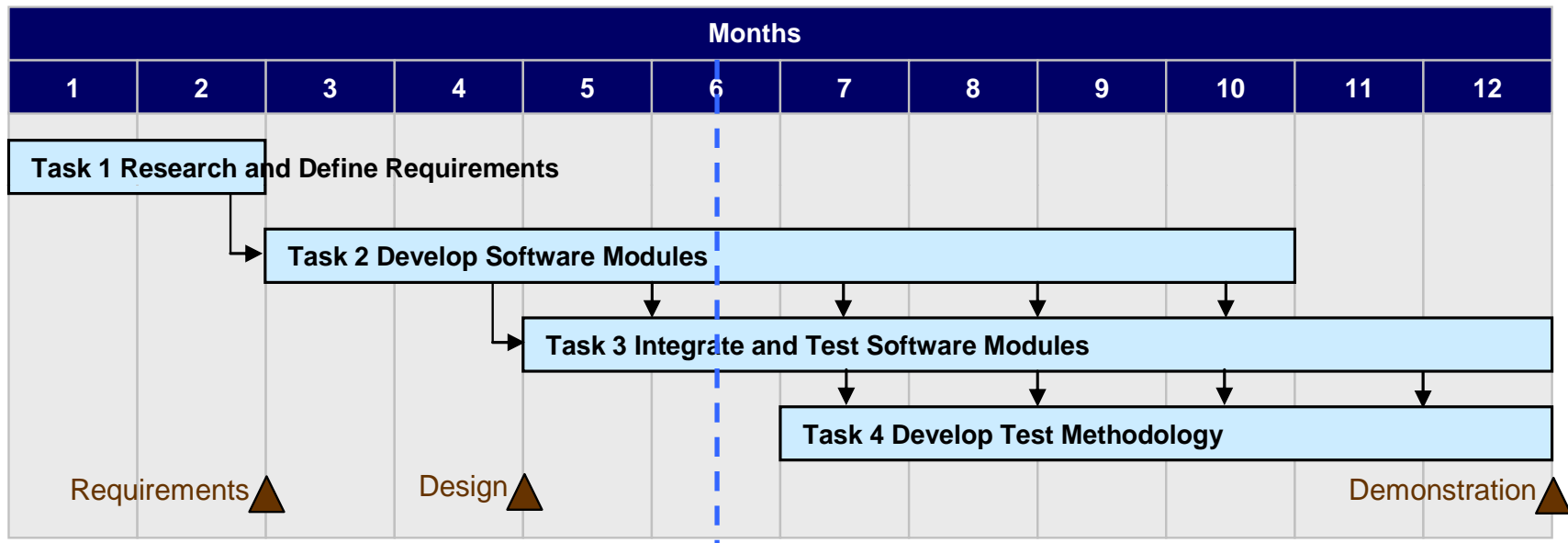
Example Application



Team



Status



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Company Profile

- Company name: Action Packed Research, Inc,
- DBA: ActionPacked! Networks
- Founded: July 12, 2007
- No. of employees: 6
- Business areas: Network Management Solutions
- Latest Product: LiveAction™ software

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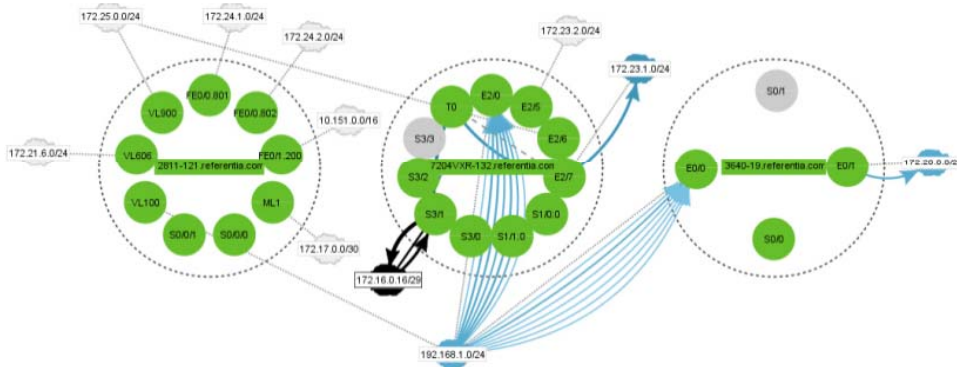
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"A New Way to Manage Cisco Routers"

Ken Presti—Network World/Cisco Subnet ...[Read more](#)

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-more-

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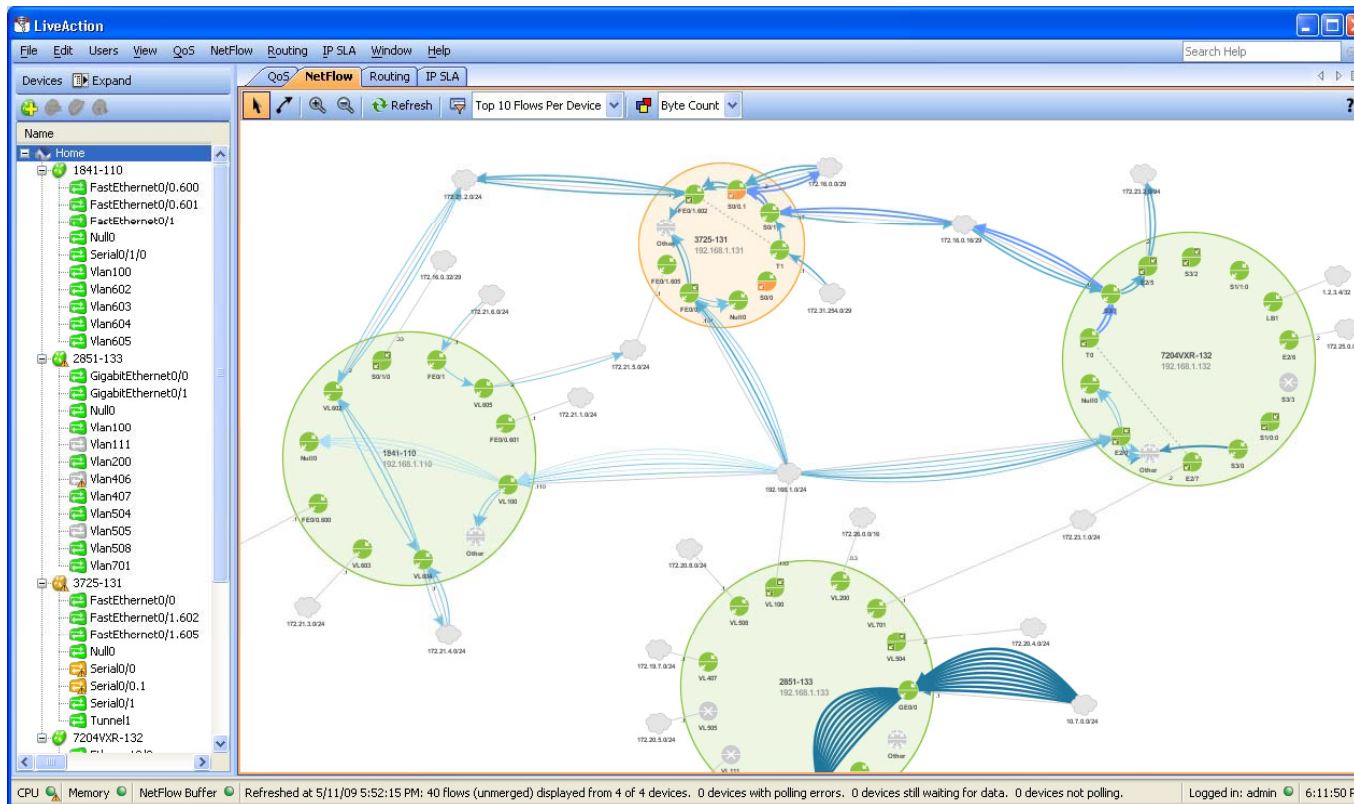
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LiveAction™ Software



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LiveAction™ Software

The image displays three overlapping screenshots of the LiveAction software interface. The largest screenshot on the left shows a network topology diagram with various nodes and connections. The middle screenshot shows a routing table for a specific network, listing candidates, protocols, and metrics. The rightmost screenshot is a configuration window for bandwidth allocation by class, showing a table of reserved bandwidth and a pie chart of the total allocation.

Class Name	Queue Setting	Reserved Bandwidth	Other Settings
NBAR_E-Mail	Class-based Queuing	2%	%
NBAR_IM	Class-based Queuing	12%	%
NBAR_Internet	Class-based Queuing	12%	%
NBAR_NetworkManagement	Priority Queuing	6%	%
NBAR_P2P	None		
NBAR_Routing	Class-based Queuing	5%	%

Interface	Bandwidth (Kbps)	Max Reserved (Percent)	Reserved (Percent)
Ethernet2/7 / Output	10,000	75.00%	72.00%

Class Name	Allocation (%)
Restricted	25%
Available	3%
NBAR_Voice-Video	10%
NBAR_Tunnels-VPN	1%
NBAR_R	5%
NBAR_NetworkManagement	6%
NBAR_Internet	12%
NBAR_IM	2%
NBAR_E-Mail	2%

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