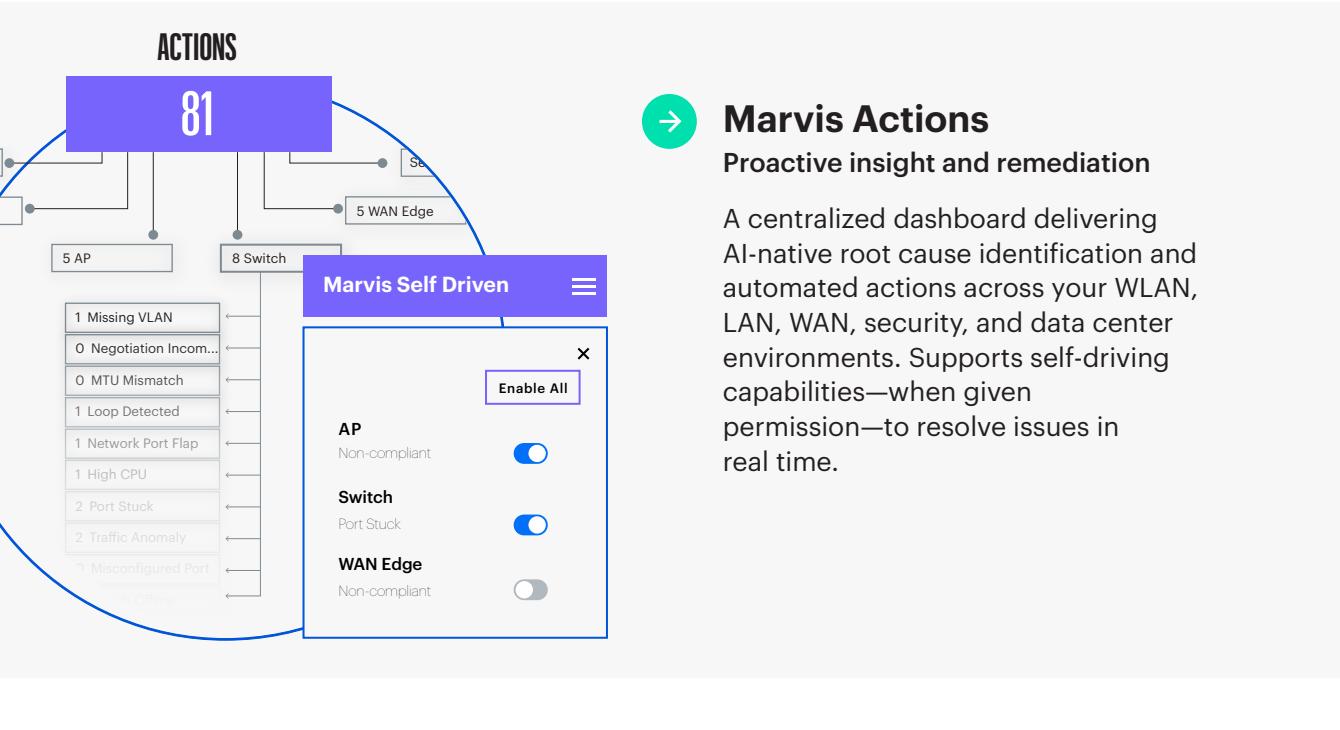


## Marvis AI architecture: Transform IT operations with a self-driving network

Proactively detect and resolve issues using AI-native insights



### Marvis AI engine

At the core of Marvis AI lies a purpose-built AI engine that combines GenAI, AI agents, machine learning (ML), natural language understanding, and domain-specific large language models (LLMs). Trained on billions of real network events, it powers every decision Marvis makes—from anomaly detection and SLE baselining to conversational responses and autonomous actions. The Marvis AI engine continuously learns and adapts, enabling faster resolution, fewer tickets, and predictive insights across your network infrastructure.

### Marvis AI Assistant

Marvis AI Assistant works with the Marvis AI engine to transform how teams interact with enterprise networks. It's the industry's substantive AI-native virtual network assistant designed to deliver proactive operations, end-to-end visibility, and self-driving network actions. You don't need any specialized knowledge or skills to use the assistant—it relies on a conversational interface that leverages natural language processing and understanding (NLP and NLU), large language models (LLMs), generative AI (GenAI), and agentic AI for intuitive interactions.

trend port flaps for site office in last 6 days

Working on your 'text\_to\_es'—Fetching the tren

Here is what I found for office. Can you please c

Office [PRODUCTION]

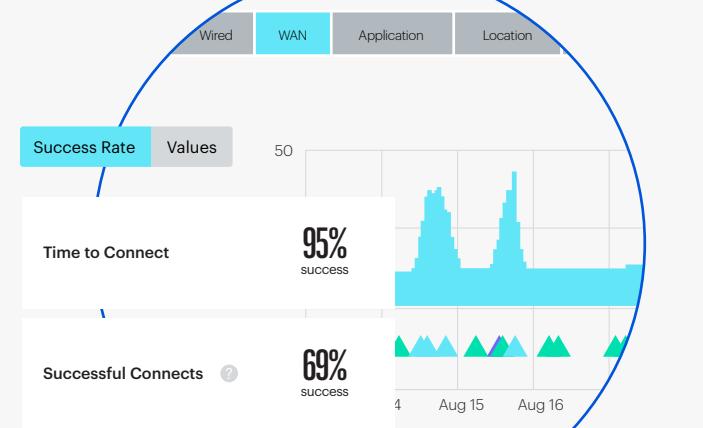
Mist Site

OFFICE\_ATT\_UPLINK

Mist Site

### ACTIONS

81



### Marvis Actions

Proactive insight and remediation

A centralized dashboard delivering AI-native root cause identification and automated actions across your WLAN, LAN, WAN, security, and data center environments. Supports self-driving capabilities—when given permission—to resolve issues in real time.

### Marvis Conversational Interface (CI)

Natural language, real-time troubleshooting

Use plain English to ask Marvis about network health, troubleshooting, client issues, documentation, or metrics. Powered by NLP, NLU, multi-agent AI, and LLMs for a human-like experience.

I found 4 instances of traffic exceeding expected thresholds:

spine-2  
dc:a6:32:c7:e7:6

leaf-1-1  
b8:27:eb:b4:b4:36

leaf-1-2  
b8:27:eb:b4:b4:37

leaf-1-3  
b8:27:eb:b4:b4:38

leaf-1-4  
b8:27:eb:b4:b4:39

leaf-1-5  
b8:27:eb:b4:b4:40

leaf-1-6  
b8:27:eb:b4:b4:41

leaf-1-7  
b8:27:eb:b4:b4:42

leaf-1-8  
b8:27:eb:b4:b4:43

leaf-1-9  
b8:27:eb:b4:b4:44

leaf-1-10  
b8:27:eb:b4:b4:45

leaf-1-11  
b8:27:eb:b4:b4:46

leaf-1-12  
b8:27:eb:b4:b4:47

leaf-1-13  
b8:27:eb:b4:b4:48

leaf-1-14  
b8:27:eb:b4:b4:49

leaf-1-15  
b8:27:eb:b4:b4:50

leaf-1-16  
b8:27:eb:b4:b4:51

leaf-1-17  
b8:27:eb:b4:b4:52

leaf-1-18  
b8:27:eb:b4:b4:53

leaf-1-19  
b8:27:eb:b4:b4:54

leaf-1-20  
b8:27:eb:b4:b4:55

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b8:27:eb:b4:b4:56

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b8:27:eb:b4:b4:57

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b8:27:eb:b4:b4:58

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b8:27:eb:b4:b4:59

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b8:27:eb:b4:b4:60

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b8:27:eb:b4:b4:61

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b8:27:eb:b4:b4:62

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b8:27:eb:b4:b4:63

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b8:27:eb:b4:b4:64

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b8:27:eb:b4:b4:65

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b8:27:eb:b4:b4:66

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b8:27:eb:b4:b4:67

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b8:27:eb:b4:b4:68

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b8:27:eb:b4:b4:69

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b8:27:eb:b4:b4:70

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b8:27:eb:b4:b4:71

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b8:27:eb:b4:b4:76

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b8:27:eb:b4:b4:77

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b8:27:eb:b4:b4:78

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b8:27:eb:b4:b4:79

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b8:27:eb:b4:b4:80

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b8:27:eb:b4:b4:81

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b8:27:eb:b4:b4:82

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b8:27:eb:b4:b4:83

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b8:27:eb:b4:b4:84

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b8:27:eb:b4:b4:85

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b8:27:eb:b4:b4:100

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b8:27:eb:b4:b4:101

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b8:27:eb:b4:b4:102

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b8:27:eb:b4:b4:103

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b8:27:eb:b4:b4:104

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b8:27:eb:b4:b4:105

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b8:27:eb:b4:b4:106

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b8:27:eb:b4:b4:137

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b8:27:eb:b4:b4:138

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b8:27:eb:b4:b4:139

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b8:27:eb:b4:b4:140

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b8:27:eb:b4:b4:141

leaf-1-107  
b8:27:eb:b4:b4:142

leaf-1-108  
b8:27:eb:b4:b4: