Moving Toward a Self-Healing Network

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What is a Self-Healing Network?



Benefits



For Subscribers

A more dependable network with fewer interruptions, translating to higher satisfaction.



For You

Reduced time troubleshooting means more bandwidth for strategic priorities, such as network expansion or new service rollouts.



Integrate

Evaluate tools for unified integration

Monitor

Verify automation and AI effectiveness

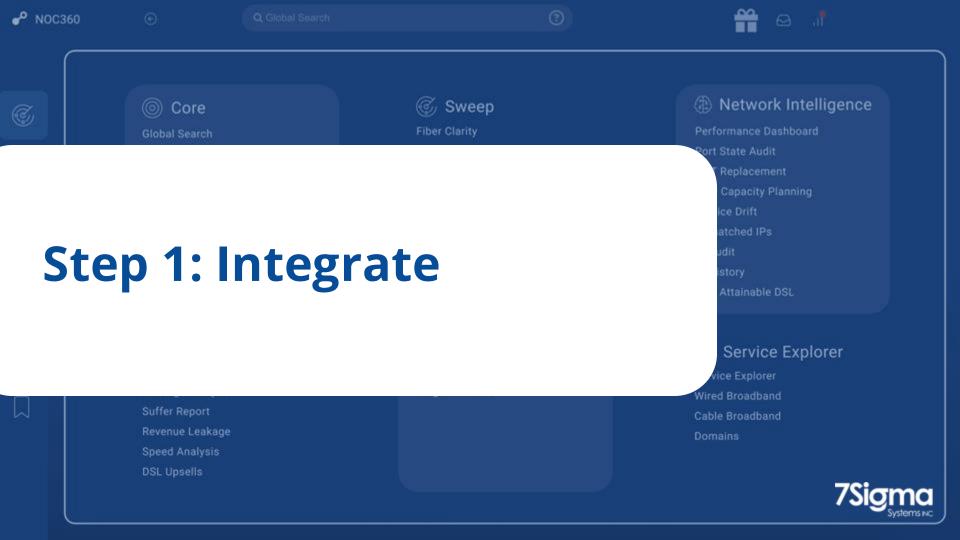
Automate/Al

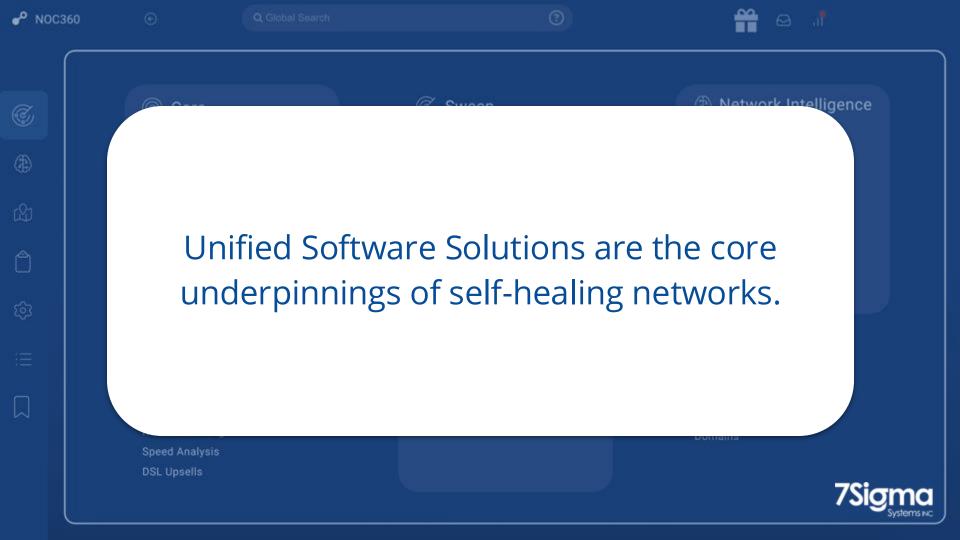
Apply automation and Al to optimize tasks

Adapt

Adjust system using data insights



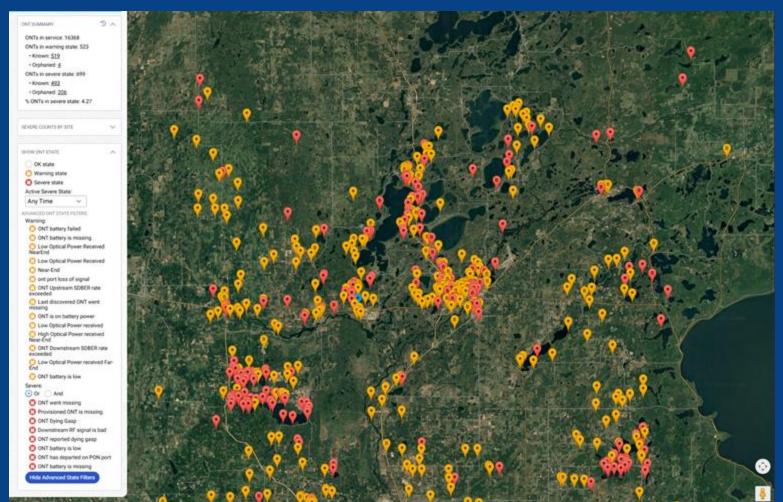




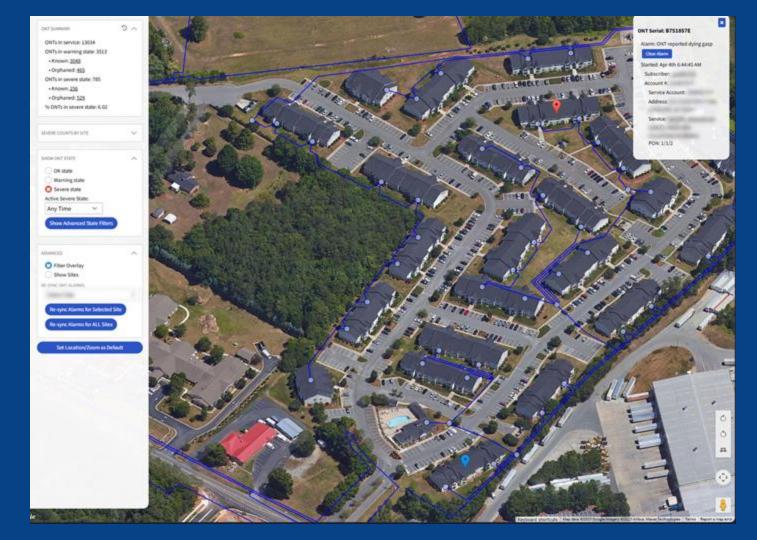








































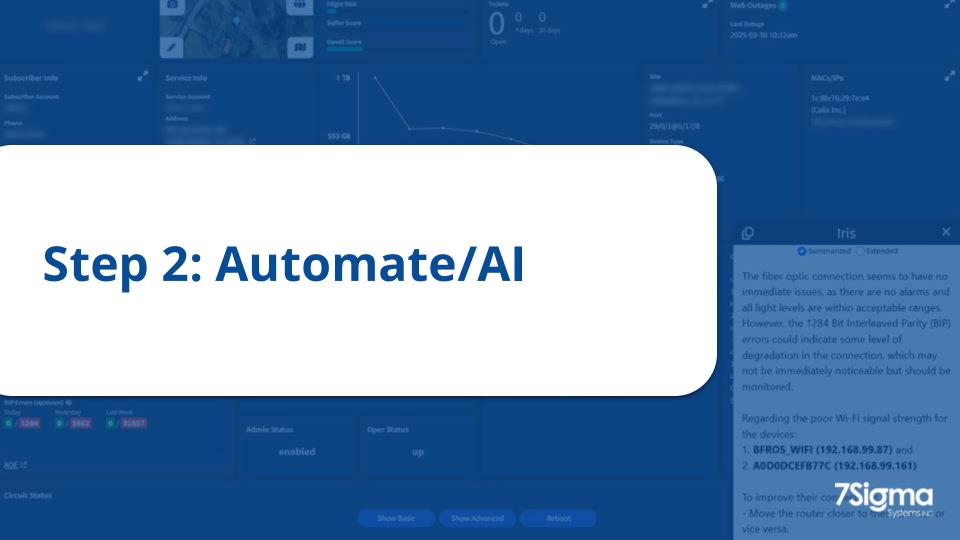
Where to Start?

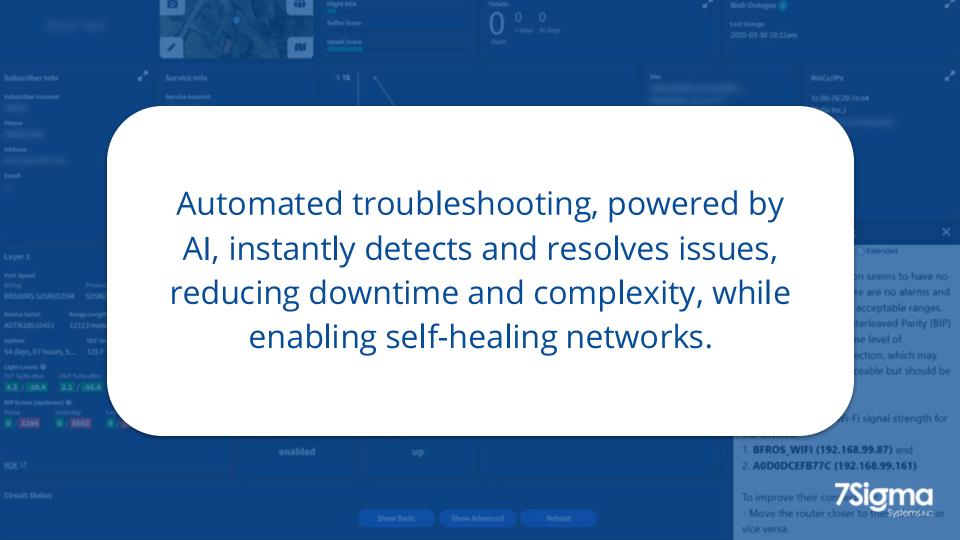
- Audit your existing tools
- Pick your must-haves
- Talk to your vendors
- Test it out

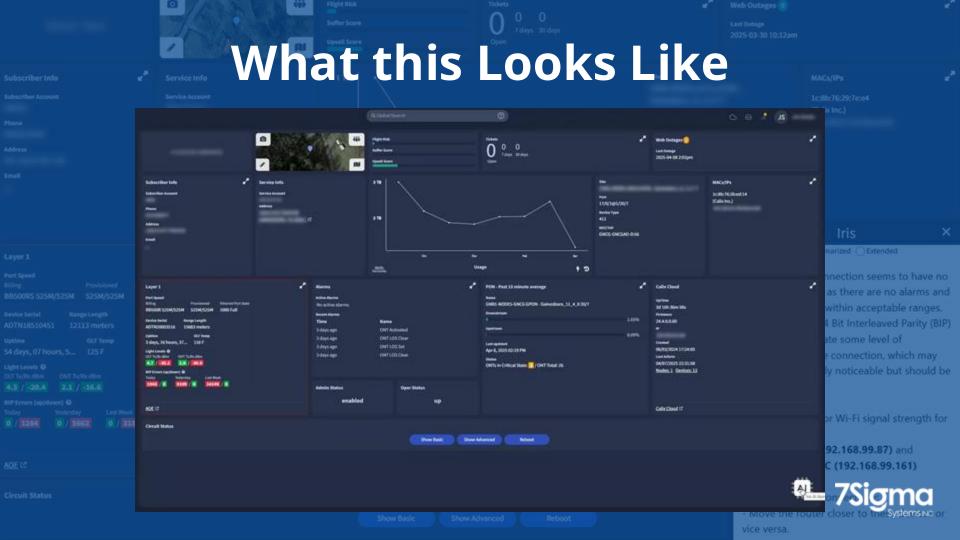
Speed Analysis

DSL Upsells

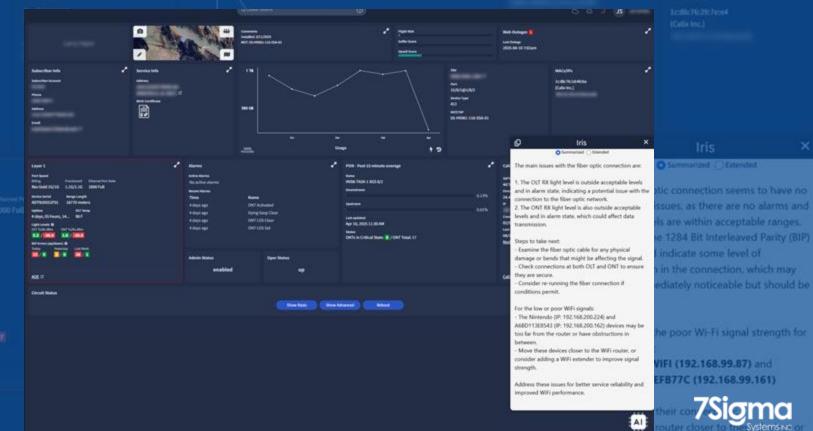


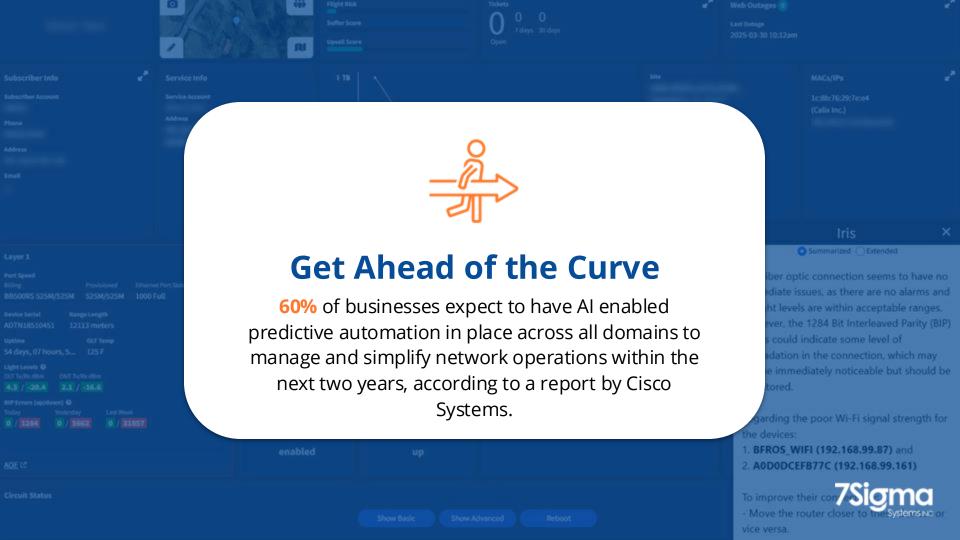


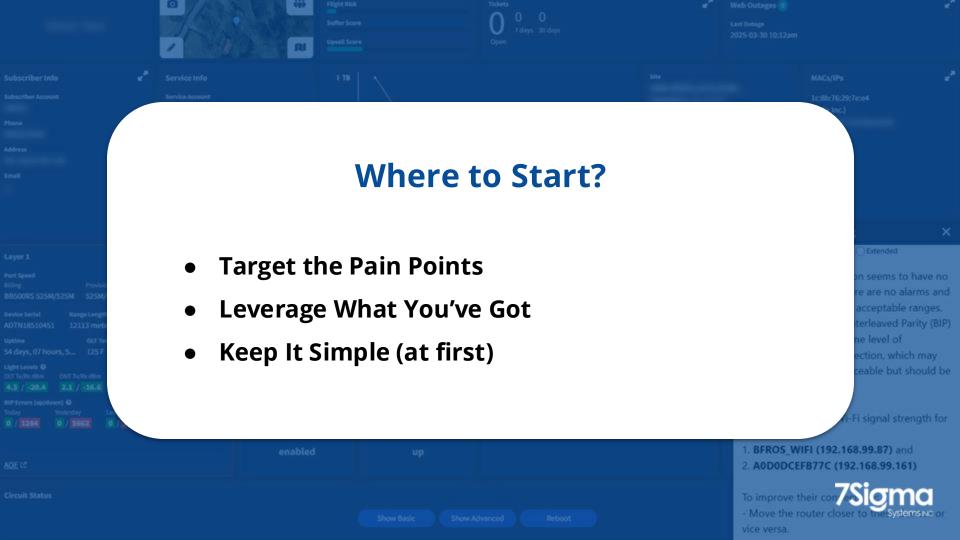




What this Looks Like









Adapt your tooling, automations, and platforms using feedback from your automations and AI, and strive for refined efficiencies.

What this looks like



Fewer Repeat Issues



Smoother Peak Hours



Faster, Smarter Tools



Leaner Operations





Savings and Efficiency

By using predictive automation, Deutsche Telekom has reported a 30% reduction in network downtime and a 25% decrease in maintenance costs.



System Performance

Major telecommunications companies and ISPs have reported a 15% increase in network performance after adopting predictive automation technologies.



Where to Start?

- Monitor Automation
- Leverage Al Insights
- Refresh Tools
- Trim Waste
- Expand Successes

Step 4: Monitor



Monitor the accuracy of automation and AI as they detect anomalies and automate fixes, ensuring enhanced network performance, resiliency, and reliability with minimal manual intervention.



What this Looks like

Automation Health



Reduced Network Failures by **75%**

Advanced AI algorithms continuously monitor network health, automatically implementing preventive measures when potential issues are detected.

Al Defense



Reducing security incidents by 40%

Al provides real-time threat detection, automated response protocols, and continuous network monitoring.

Efficiency Gains



Manual Interventions Down 40%

Shows the reduction in human effort, highlighting the tangible efficiency improvements from automation and Al



Where to Start?

- Automation Health
- Al Performance
- Network Performance
- Reliability Monitoring



Bringing It All Together



Integrate

Evaluate tools for unified integration

Monitor

Verify automation and AI effectiveness

Automate/Al

Apply automation and Al to optimize tasks

Adapt

Adjust system using data insights



Thank you!

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Talk to you soon!



Or schedule time to talk



