



Sutherland Autonomous Network (AN) Level Assessment and Agentic NOC



Who Are We?

For 38+ years, Sutherland has partnered with global enterprises to deliver outcomes that scale. We combine **human insight with AI-powered intelligence** to transform operations into measurable business results.

Our telecom-focused capabilities span **Network Engineering Services**, including AN-level assessments, agentic NOC solutions, AI-enabled private 5G, and fiber engineering and design. Together with our CX, BPaaS, Network, and Digital Engineering Services, we help **Telcos modernize** operations, improve network performance, and reduce cost-to-serve—at speed and at scale.

The Gold Standard in AN Level Assessment

Sutherland is among the first third-party providers certified by TM Forum to deliver Autonomous Network (AN) Level Assessments, enabling operators to benchmark maturity and accelerate their journey toward network autonomy.

Our 4-Phase Approach (TM Forum Aligned)

Our methodology provides a structured path from strategic alignment to a prioritized roadmap.

WEEK 1

Strategic Alignment & Vision Setting

Documenting strategic objectives for network autonomy with key project sponsors

WEEKS 2-4

Current State Assessment

Developing a baseline maturity report that outlines current strengths and critical pain points

WEEKS 5-6

Gap Analysis & Value Scenarios

Identifying high-value scenarios for automation based on identified gaps

WEEKS 7-8

Roadmap & Strategic Recommendations

Delivering a prioritized implementation plan and strategic recommendations for full-scale autonomy



40K+

Experts across domains and technologies



144

Countries operational



50%

Fortune 500 firms served



70

Delivery offices worldwide



200+

Clients across 11 industries



363

Unique inventions under several patents

Business Outcomes Delivered

By aligning with TM Forum standards, operators can achieve significant efficiency gains.

25%

Cost savings through fault prediction and autonomous operations

30%

Reduction in downtime by moving from reactive to predictive maintenance

30%

Faster time to market for new services

30%

Improvement in operational efficiency

Sutherland Agentic NOC

Sutherland's **Agentic NOC** is an AI-native agent orchestration fabric built on TM Forum's ODA (Open Digital Architecture). It shifts operations from *detect–decide–act manually to observe–reason–act autonomously*.

Open & Interoperable

Built on TM Forum standards (TMF921, AACL), ensuring it works with existing OSS/BSS investments

Safe Autonomy

Features policy guardrails and explainable AI, with human-in-the-loop override always available

Intelligent Scale

Multi-agent coordination across RAN, Core, and Transport domains with closed-loop learning

Business-aligned

Transform intent to execution in minutes with real-time KPI tracking and full-layer ROI visibility

Strategic Use Cases: Revolutionizing Network Operations

Agentic Collaboration

Field Operations & Digitized Workforce

Network Assurance & Real-Time NOC

Business & Operational Analytics

Service & Customer Experience

RAN Performance & Optimization

Security Operations

Change Management

Business Benefits Delivered

40-60%

Reduction in MTTR

80-90%

Faster reporting and analytics

40%

OpEx reduction

25-35%

Improvement in productivity

Our Key Partners in the Telco Ecosystem

Strategic partnerships powering scalable, future-ready telco solutions



Revolutionize your network evolution

Contact us to schedule your TM Forum certified assessment and pilot your Agentic NOC today



Artificial Intelligence. Automation. Cloud Engineering. Advanced Analytics. For Enterprises, these are key factors of success. For us, they're our core expertise.

We work with global iconic brands. We bring them a unique value proposition through market-leading technologies and business process excellence. At the heart of it all is Digital Engineering Services – the foundation that powers rapid innovation and scalable business transformation.

We've created 363 unique and independent inventions, 250 of which are AI-based and rolled up under several patent grants in critical technologies. Leveraging our advanced products and platforms, we drive digital transformation at scale, optimize critical business operations, reinvent experiences, and pioneer new solutions, all provided through a seamless "as-a-service" model.

For each company, we provide new keys for their businesses, the people they work with, and the customers they serve. With proven strategies and agile execution, we don't just enable change – we engineer digital outcomes.

