

OmniBOSS – The AI agent for B/OSS best practices

Increase productivity and bridge the skills shortage with AI agents based on automated best practice inference from existing process data.



The solution:

This Catalyst helps CSPs develop their expertise using AI agents trained on real OSS data to guide, validate, and automate network engineering decisions. By extracting best practices from past designs, the system accelerates planning, boosts team productivity, and ensures precision even in complex or legacy environments.



Addressing the challenge:

Introducing OmniBOSS, the Intelligent Network Assistant—an AI-powered agent purpose-built for both BSS and OSS environments.

- This assistant is designed to learn, enforce, and continuously evolve best practices across operational and business domains.
- By enhancing data integrity, automating complex and repetitive tasks, and ensuring compliance with industry standards, the assistant empowers telecom teams to streamline operations, reduce errors, and deliver superior customer experiences.
- The result: more agile, intelligent, and efficient network management.



Pasan Nishantha
General Manager/System
Integration & Operations



The direct benefits of the Catalyst solution is that it acts as an AI-driven service provider tool to enforce best operational practices across both legacy and modern telecom networks.

This includes:

- Minimize human interaction through automation
- Improve the data integrity
- Speeds up service delivery time to improve the customer experience
- Ensures regulatory and security compliance.



Business impact:

OmniBOSS doesn't just assist—it acts on best practices, turning reactive, firefighting effort into proactive innovation.

Champions:



Participants:

