

Case Study:

An European leading manufacturer and provider of Next-Generation Access Systems with integrated central network management With product spectrum ranging from IP-DSLAMs to Multi-Service Access Platforms and SHDSL transmission solutions, as well as specific transmission systems for Industrial Ethernet applications.

The client for their compact IP/Ethernet-based Multi-Service Access Platform needed a robust automation framework which could be scaled to support multiple softswitches, with minimum maintenance

The Solution

ACTi created a state of art automation framework which supported various configurations for the MSAN to be tested with different settings against different softswitches. The scope included

- Automation of 500+ test cases
- Testing of various features and basic conformance capabilities of the MSAN.

Salient Features

- Automation of 500+ test cases
- Developed expertise in ISDN signaling
- Interfaces supported were POTS and BRI

Benefits for Customer:

Due to in depth expertise in automation and various telecom protocols ACTi could quickly fulfill the desired requirements for the customer. ACTi also provided various improvements in the configurations as well as requirements which helped in creating a very modular and maintainable automation framework for the client. Key business benefits were:

- ACTi provided quick ramp up of resources with very little learning curves
- ACTi provided extensive expertise on the test platform
- ACTi setup a test lab for the MSAN with 3 different softswitches to test the MSAN's