



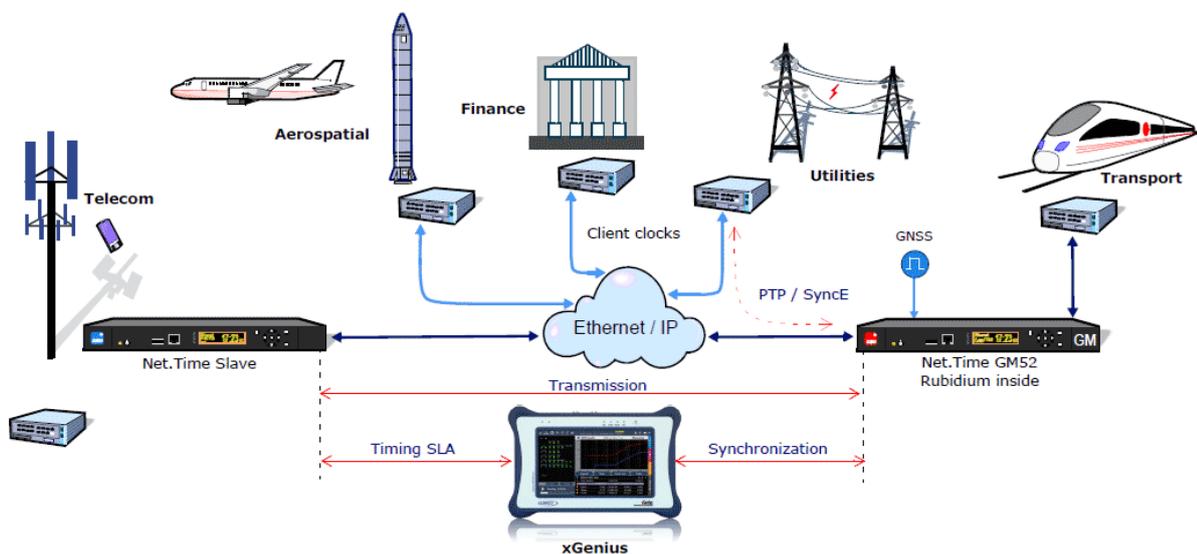
S U C C E S S S T O R Y

Date: 2018
Country: India
Model: xGenius

Partner: KHUSHI
Customers: CDOT
Volume: 10 units

ALBEDO Telecom announces that xGenius has been selected by CDOT in India.

Prem Sethi General Manager of Khushi explains: *'The Centre for Development of Telematics (C-DOT) is the Telecom Technology Development Centre of the Government of India. Since its establishment in August 1984 the C-DOT has been evolved into a truly R&D centre, working on several important cutting edge technologies which have been deployed in various projects of national importance in Indian Telecom and Defence Networks'.*



C-DOT has realigned its efforts and defined its roadmap with a focus in the four major directions keeping in view the relevance and need in the present scenario.

- 1 **Projects of national and strategic importance** such as shared GSM Radio Access Network, VoIP and Broadband services which is currently under development, will give a fillip to business in rural India.
- 2 **Projects for software intensive telecom solutions** such as NMS, which provides a common umbrella of management of a network equipped with products from diverse vendors.
- 3 **Projects in the areas of hi-tech** such as Gigabit Optical Passive Network (G-PON) to bring broadband pipes to homes and SOHOs & Next Generation Network (NGN) products and services.
- 4 **Futuristic study projects** such as One Number (which will aim to utilize a unique number like social security number, for a mobile personal number), Cognitive Radio & Advanced Optical Network Technology.

C-DOT has evolved over years and is involved in major turn key projects of national importance. xGenius is helpful to the customer in following ways:

- 1) Powerful device for generation/analysis of multiple L1/L2/L3/L4 Traffic streams and determining the throughput over GPON Network.
- 2) Measuring the Optical Power level at OLT and ONU end.
- 3) Performance tests such as RFC 2544 & RFC 6349.
- 4) Error generation and Conformance testing.
- 5) Sync Testing over Passive Optical Network.

Albedo's extensive technical support and new launch product "xGenius" has clear edge over competitors and it was an easy choice for customer to go with the BEST.

xGenius is a handheld transmission and synchronization tester equipped with multiple network interfaces and a large capacitive screen. It is light (1.9kg) and very rugged. The unit is able to test Ethernet/IP networks up to 10Gb/s while supporting master/slave Sync-E/PTP emulation. It also has interfaces for T1/E1. Operation modes Performance, Quality and Wander tests at all interfaces and the ability of PTP/SyncE emulation and analysis, while measuring Freq/Phase, PDV metrics, analyze/generate TIE/MTIE/TDEV and TE. A built-in Rubidium clock provides high accuracy in hold-over.

About ALBEDO telecom: Since its foundation, we have always been innovating in the fields of synchronization, networking and testing. ALBEDO has thousands of customers in the five continents including Telecom Operators, Power Utilities, Manufacturers, R+D centers, Universities, and Military Forces.

All we can do for you!

ALBEDO Telecom – World leader in Synchronization, Test and Measurement.