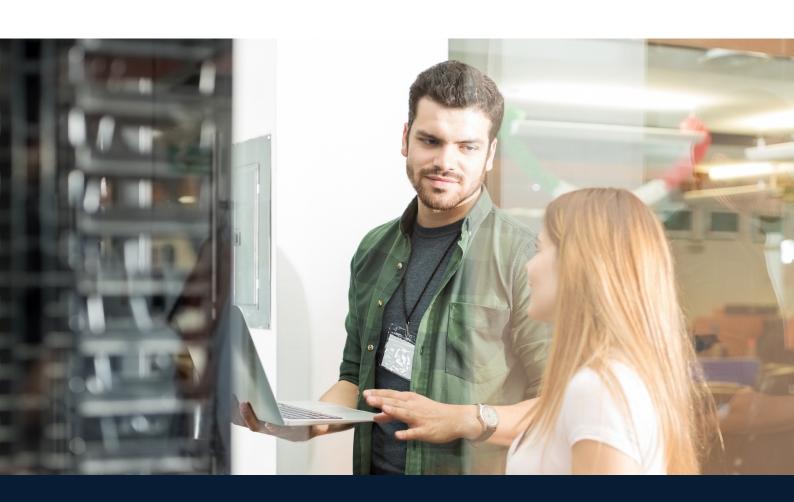# Genexis TrueTalk
Independent PON interop

TrueTalk
PON AUTOSENSING

Connect to any OLT with a single firmware version

When deploying a PON network, whether it is a GPON or XGS-PON network, there is the OLT - ONT interoperability challenge. What ONT brand with which firmware version should you choose to connect with all the different OLTs in the field? The short-term decision could be to choose the same brand ONT as OLT. But what will happen if you want to switch OLTs? Or if you want to expand your network to an area with another OLT? Or want to add a second source OLT vendor?

Imagine being able to answer these challenges with one single firmware in the ONT. This is TrueTalk. With TrueTalk, the ONT automatically detects and connects to all different OLTs in your network via its PON autosensing technology.

> **'With Genexis the worries to have to change PON ONTs in the field if we once decide for a different OLT vendor is gone.'**
>
> **- CTO of DNS:NET -**

PON is standardized, right?

There are many different PON standards to ensure standardization (e.g., ITU-T, BBF.247). However, compare this to an iceberg. The top (i.e., standards) you see, but there is a lot lurking below the surface (e.g., OLT software version specifics & vendor specific Managed Entities).

Compare it with a language and many dialects

The communication between an OLT and ONT can be compared to a language and its many dialects. In theory you have the language of your country, this is comparable to the PON standards. However, in reality there are many different dialects. Sometimes it is hard for different dialects to understand each other. Same goes for OLTs, each OLT talks in its own PON dialect.

TrueTalk is the 'PON OLT Dictionary'. Meaning no matter in what dialect the OLT speaks, it will automatically detect which dialect it is, and adapt accordingly. Ensuring perfect interoperability.

BBF.247
XGS-PON
CERTIFIED

We have our own PON interop teams

- 10+ OLT brands in our PON labs in Europe
- Support in achieving a smooth interop
- Typically 0-3 months to reach interop
- We are BBF.247 certified
- Enhanced test equipment
- End-to-end test capabilities
- Succesfull interop in 100+ networks

No vendor lock-in
Deploying with an independent ONT, you are not locked-in to the same OLT brand!

Future Proof
With an independent ONT, your future choices will not be limited by the choice you make today.

Flexibility
Providing you with the flexibility to use the same ONT while having a mixed OLT deployment.

Interested?
Contact your local sales representative or contact us via www.genexis.eu/contact

People deserve fiber.

Scan the code to learn more about our interoperability program