

The xDSL interface MUST make available to the DSLAM/ONU the Inventory Information as described in ITU-T G.997.1 Recommendation, section 7.4¹. In particular, the CPE MUST provide back to the DSLAM/ONU the correct contents specified for the following information fields, related to the identification of the system and the chipset vendor:

- xTU-R ITU-T G.994.1 vendor ID

In this field the ITU-T G.994.1 vendor ID MUST identify the vendor of the xTU-R ITU-T G.994.1 functionality, whether implemented in hardware or software. It is not intended to indicate the system integrator but instead the **chipset** vendor. The structure of the info MUST be 8 bytes, and in particular:

- T.35 country code (2 octets)
- T.35 provider code (vendor identification) (4 octets)
- T.35 provider oriented code (vendor revision number) (2 octets)

- xTU-R system vendor ID

The xTU-R system vendor ID MUST identify the xTU-R **system** integrator. In this context, the system integrator usually refers to the vendor of the smallest field-replaceable unit. As such, the xTU-R system vendor ID may not be the same as the xTU-R ITU-T G.994.1 vendor ID.

The structure of the info MUST be 8 bytes, and in particular:

- T.35 country code (2 octets)
- T.35 provider code (vendor identification) (4 octets)
- T.35 provider oriented code (vendor revision number) (2 octets)

- xTU-R version number

It shall contain the xTU-R firmware version and the xTU-R model. Both shall be encoded in this order and separated by a space character, i.e., "<xTU-R firmware version> <xTU-R model>". The structure MUST be 16 ASCII char.

NOTE – This field is intended to contain information about the firmware and model of the xTU-R physical layer interface (**chipset**).

- xTU-R serial number

It shall contain the following **system** indicators: the equipment serial number, the equipment model and the equipment software version. All shall be encoded in this order and separated by space characters, i.e., "<equipment serial number> <equipment model> <equipment software version>". The structure MUST be 32 ASCII char.

Note that the combination of **system** vendor ID and serial number creates a unique number for each xTU-R.

¹ ITU-T Recommendation G.997.1 "Physical layer management for digital subscriber line (DSL) transceivers – 2012 Edition", December 2012 and Amendments



The vendor specific information in the Vendor ID information block **MUST** not be used as a mean to achieve interoperability, in order to avoid workarounds and to achieve full standard compliance.