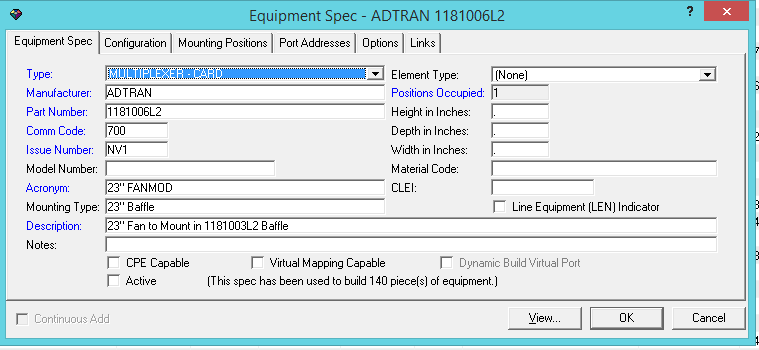
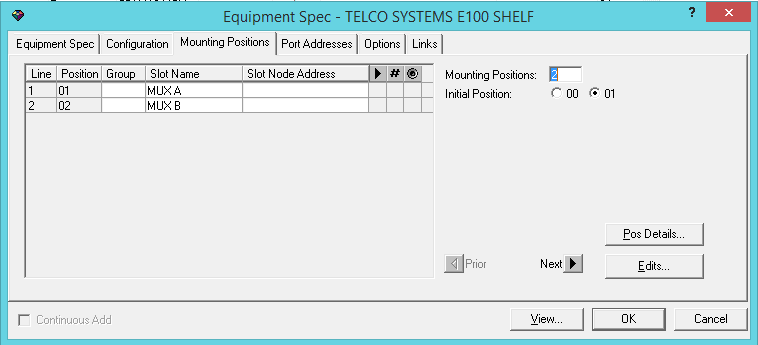
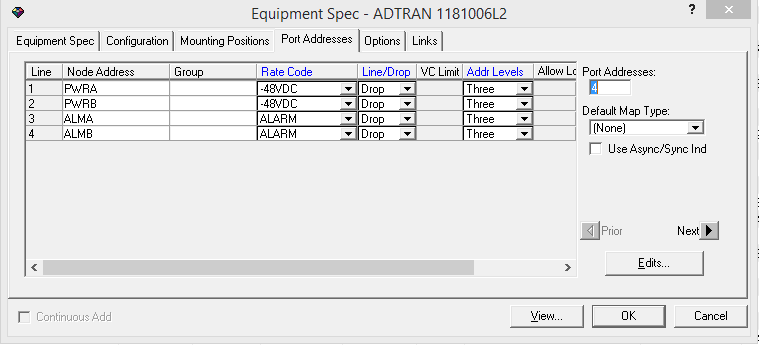
**Equipment Specs:**

Equipment specs are templates where we can define the below,

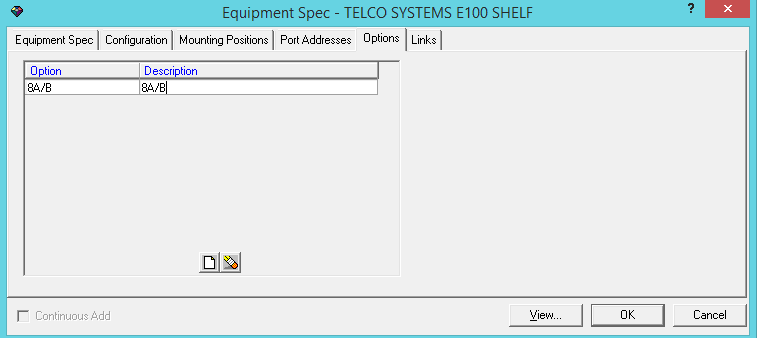


 A mounting position is a physical place on a piece of equipment where other equipment can be fastened or installed.



As a rule, mounting positions do not provide physical ports for attaching circuits. A **port address placeholder** is a construct in the MetaSolv Solution database that allows you to assign logical ports to mounting positions where equipment with physical ports is scheduled to be installed. In short, port address placeholders allow circuit design work to continue when equipment is not yet installed.

https://docs.oracle.com/cd/E41106\_01/doc.621/e48908/cor\_icmapi.htm#g1111661



EQUIPMENT\_SPEC – contains equip spec id, vendor( issue num, part num, com code, desc, make and model)

EQUIPMENT\_SPEC\_MOUNTING\_POS – contains mount pos seq and num and slot name and group identifier

EQUIPMENT\_SPEC\_MOUNT\_POS\_REL -- ?

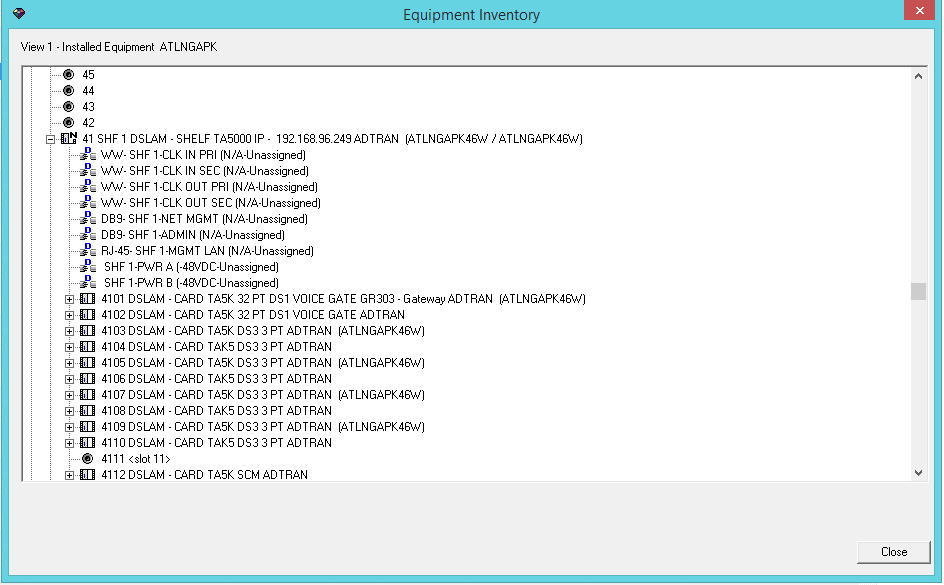
EQUIPMENT\_SPEC\_PA\_PLACEHOLDER – contains the port address seq and rate code(ds0,ds1)

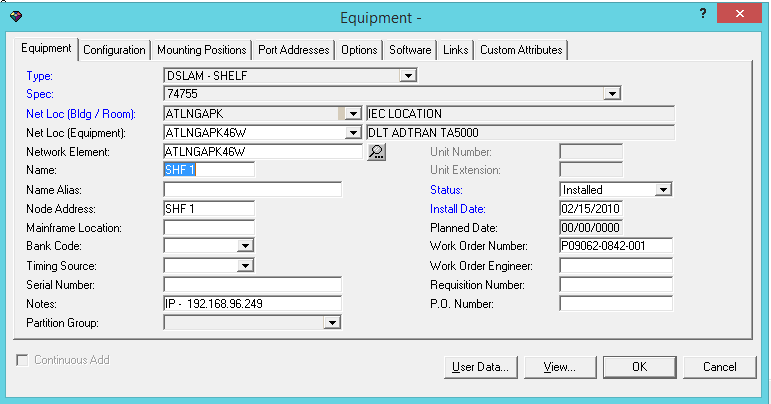
EQUIPMENT\_SPEC\_PORT\_ADDRESS -- contains the port address seq and rate code(ds0,ds1), assignable\_ind, allow lower ratecodes

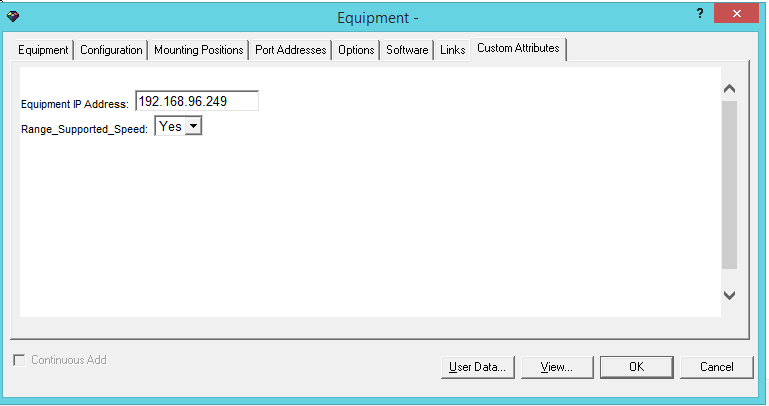
EQUIPMENT\_OPTION – contains the values in options tab( option code and desc)

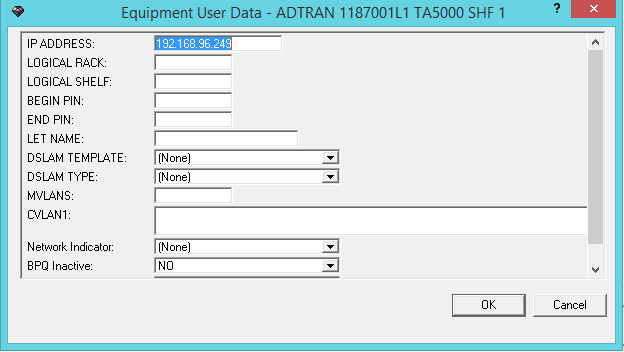
**Equipments:**

Rack 🡪 Shelf [🡪Shelf] 🡪 Cards









EQUIPMENT – contains equip name, notes availability status, location id, equip spec id, serial number,

EQUIPMENT\_OPTION\_ASSIGNMENT – contains the equip options associated for equipment

EQUIPMENT\_USER\_DATA – contains the user data created for equipment

EQUIP\_CA\_VALUE – contains the custom attributes created for this equipment

To a field engineer, a hard-wired cross-connect, also referred to as cabling, is the wiring of one equipment port to another. The hard-wired cross-connects you create in the MetaSolv Solution database represent the actual hard-wired cross-connects between equipment ports. An example of a hard-wired cross-connect is the cabling between a shelf and a DSX jack panel.

**Circuits:**

DS0,DS1,DS2,DS3,T0,T1,T3, OC3,OC12, OC48, OC192

DS0 - 64 k­ilobits per second

ISDN - Two DS0 lines plus signaling (16 kilobytes per second), or 128 kilobits per second

T1 - 1.544 megabits per second (24 DS0 lines) (1 DS1)

T2 – 6.312 megabits per second (1 DS2)

T3 - 43.232 megabits per second (28 T1s) (1 DS3)

OC3 - 155 megabits per second (84 T1s)

OC12 - 622 megabits per second (4 OC3s)

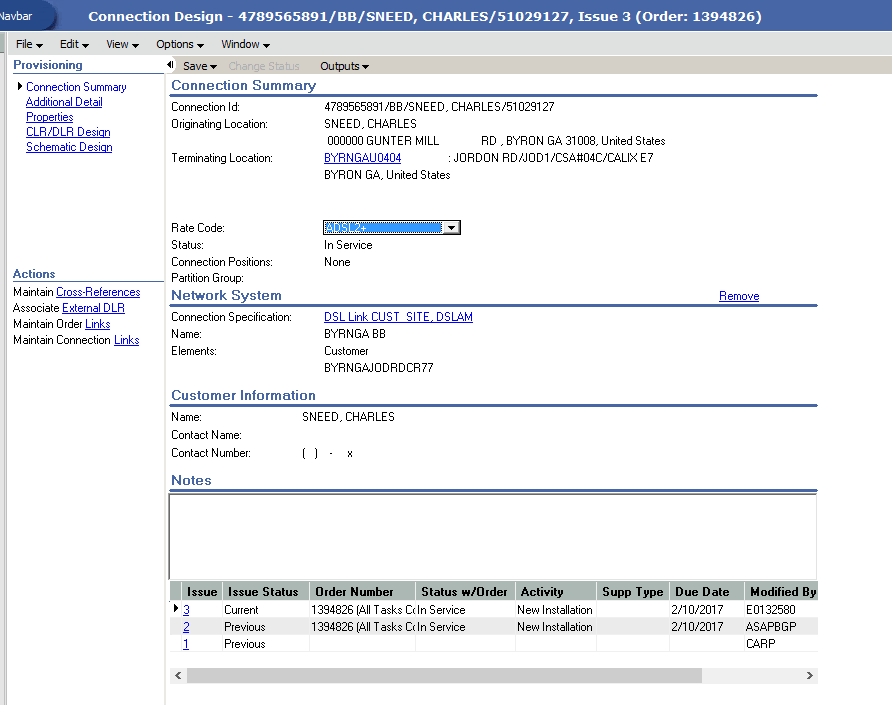
OC48 - 2.5 gigabits per seconds (4 OC12s)

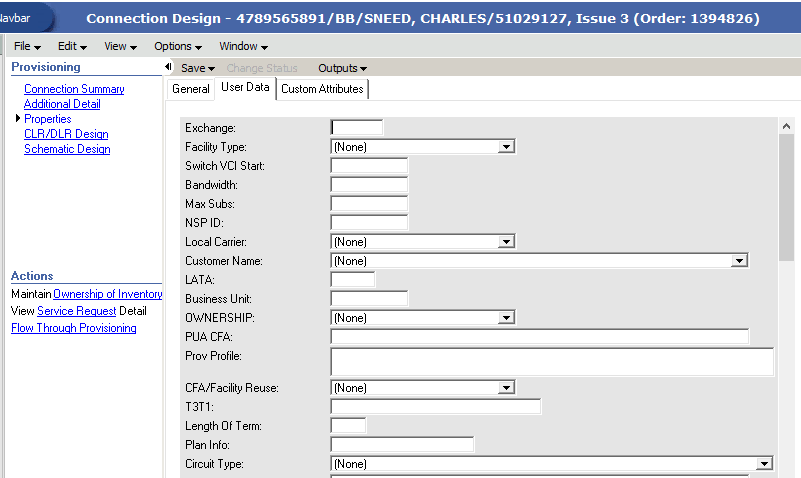
OC192 - 9.6 gigabits per second (4 OC48s)

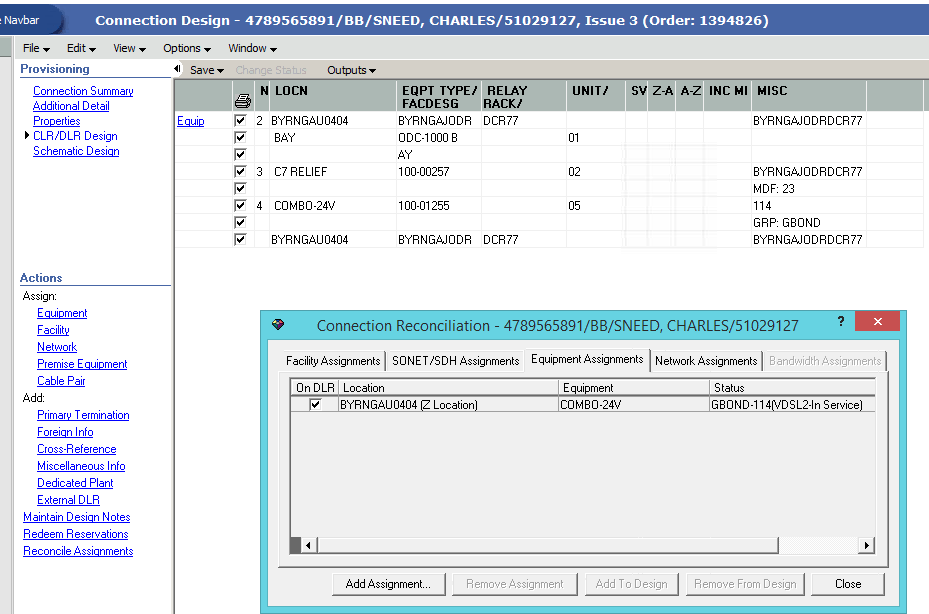
Broadband Circuits:

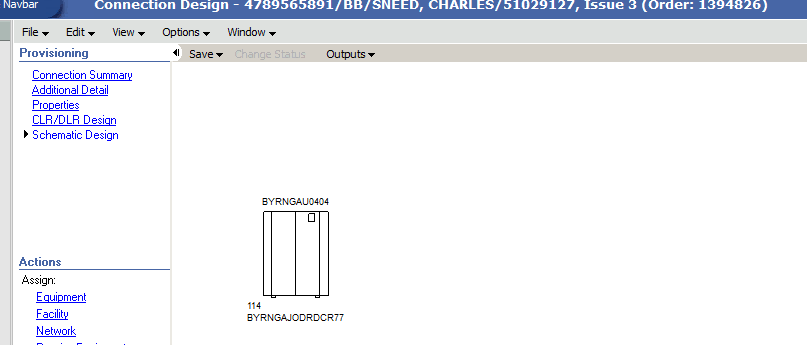
ADSL,ASDL2+,VDSL2,FTTP

**Connection Design:**









CIRCUIT

CIRCUIT\_LAYOUT\_REPORT

CIRCUIT\_POSITION

CIRCUIT\_POSITION\_CONDITION

CIRCUIT\_POSITION\_PENDING

CIRCUIT\_USER\_DATA

CIRCUIT\_XREF

DLR\_CIRCUIT\_DESIGN\_LINE

TRANSMISSION\_FACILITY\_CIRCUIT

DESIGN

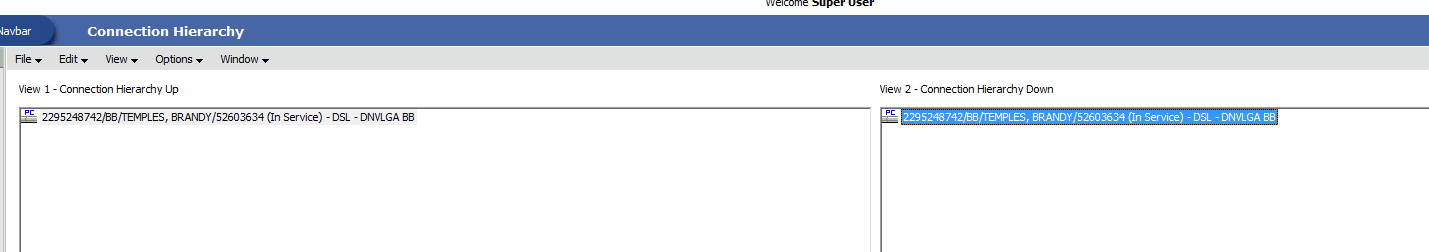
DESIGN\_GLR\_ASSGNMT\_SEGMENT

DESIGN\_LAYOUT\_REPORT

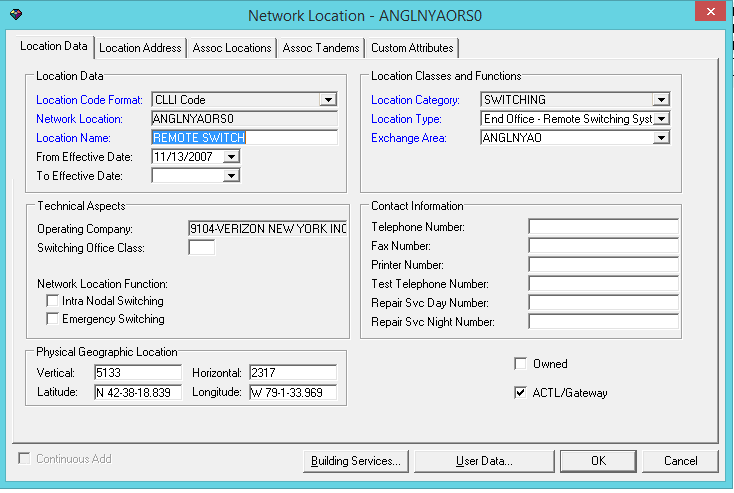
DESIGN\_LINE

**Connection Hierarchy:**

Has the info of child and parent circuits to which the current circuit is associated with.



**Network Location:**



NETWORK\_LOCATION

NETWORK\_LOCATION\_TYPE – (Building, Customer Location, End User, Room)

NETWORK\_LOCATION\_USER\_DATA

Location format code – CLLI code

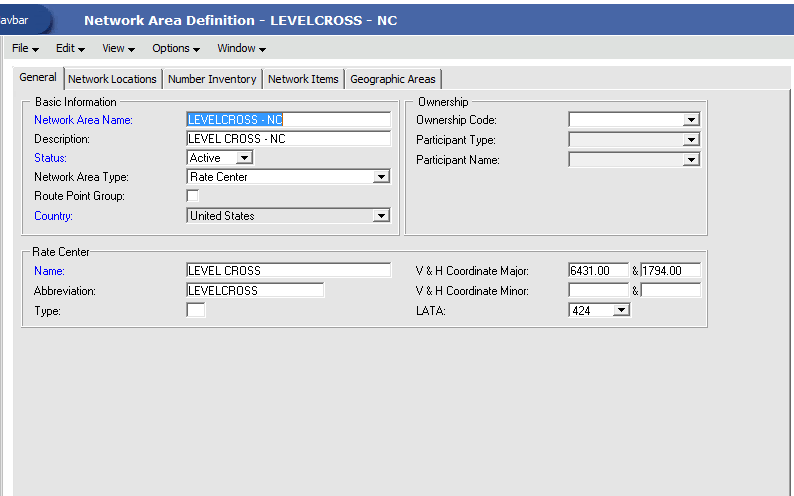
**HSTNTXMOCG0**

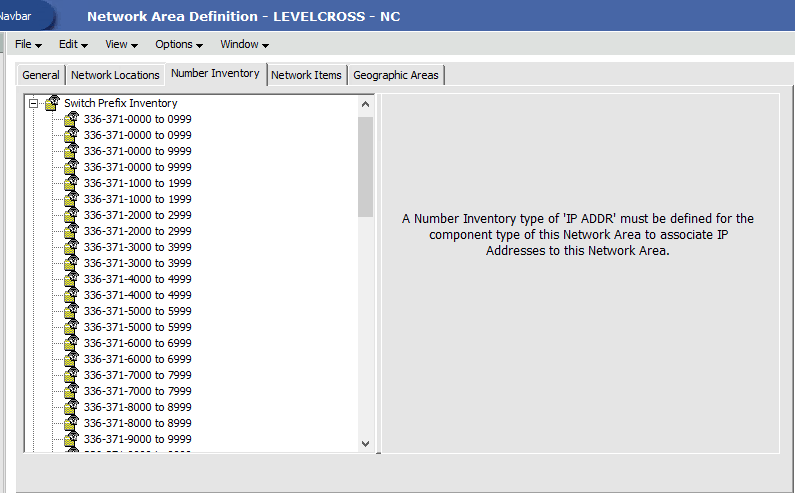
* HSTN = [Houston](https://en.wikipedia.org/wiki/Houston,_Texas)
* TX = [Texas](https://en.wikipedia.org/wiki/Texas)
* MO = The AT&T [telephone exchange](https://en.wikipedia.org/wiki/Telephone_exchange) office at 4068 Bellaire Boulevard in [West University Place, Texas](https://en.wikipedia.org/wiki/West_University_Place,_Texas)[[7]](https://en.wikipedia.org/wiki/CLLI_code#cite_note-7)—the office is known as the "Mohawk office"[[8]](https://en.wikipedia.org/wiki/CLLI_code#cite_note-8)
* CG0 = The first (or perhaps only) electronic [telephone switch](https://en.wikipedia.org/wiki/Telephone_switch) at that location (in this instance, [analog](https://en.wikipedia.org/wiki/Analog_signal) - now HSTNTXMODS0 as a digital switch)

The first six characters of a CLLI code represent the place the code refers to and contain two code elements:

* Four characters to denote the geographical area and the geographical area type (for example, city, town, and borough), known as the Geographical code element.[[4]](https://en.wikipedia.org/wiki/CLLI_code#cite_note-iowa.gov-4)
* Two characters to denote the state, province, or country, known as the Geopolitical code element.[[5]](https://en.wikipedia.org/wiki/CLLI_code#cite_note-state.ia.us-5) The codes HS (high seas) and EO (earth orbit) are reserved for ships at sea and satellites, respectively.[[6]](https://en.wikipedia.org/wiki/CLLI_code#cite_note-1982_CLLI-6)

**Network Areas:**

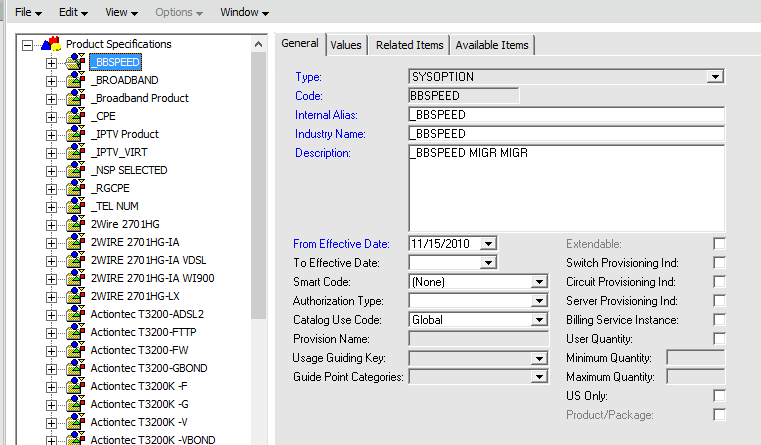


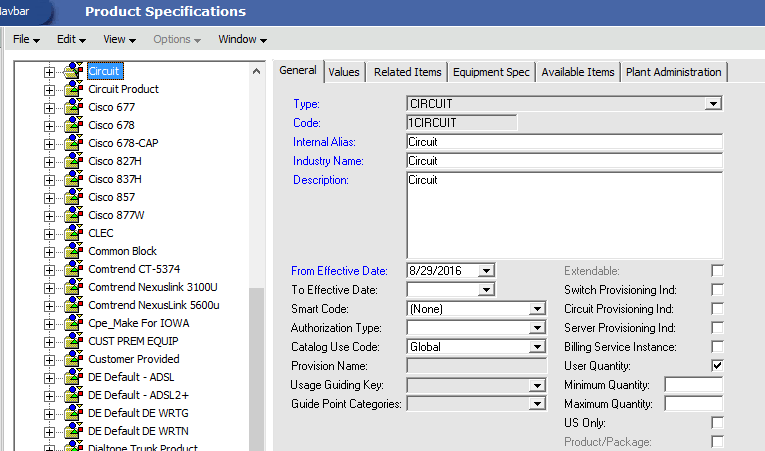


NA\_NETWORK\_AREA

NA\_NETWORK\_AREA\_STRUCTURE

**PRODUCT\_SPEC:**





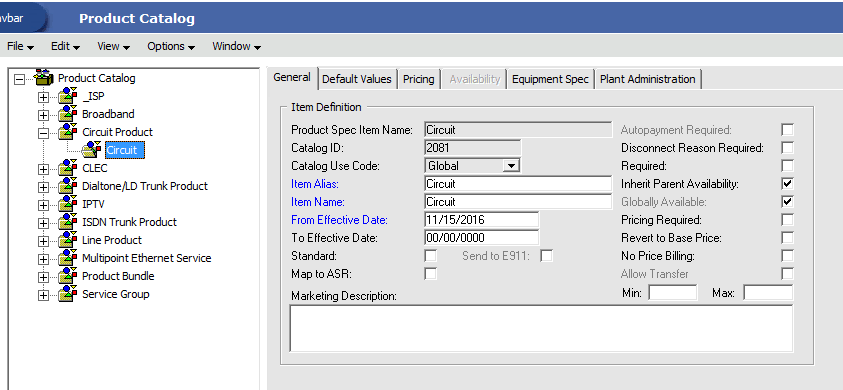
STD\_ITEM

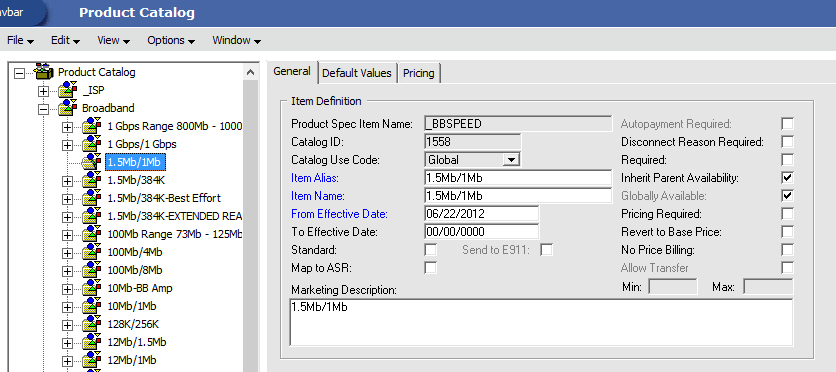
STD\_ITEM\_REL

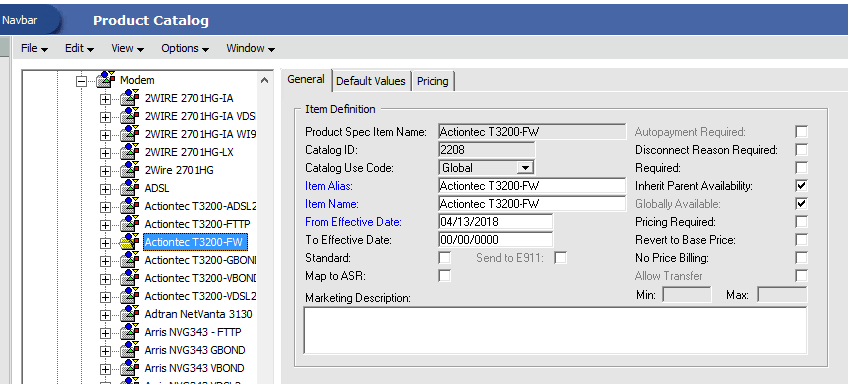
STD\_ITEM\_VALID\_VALUE

STD\_ITEM\_VALUE\_LABEL

**Product Catalog:**







ITEM\_REL\_TYPE

ITEM\_SPEC

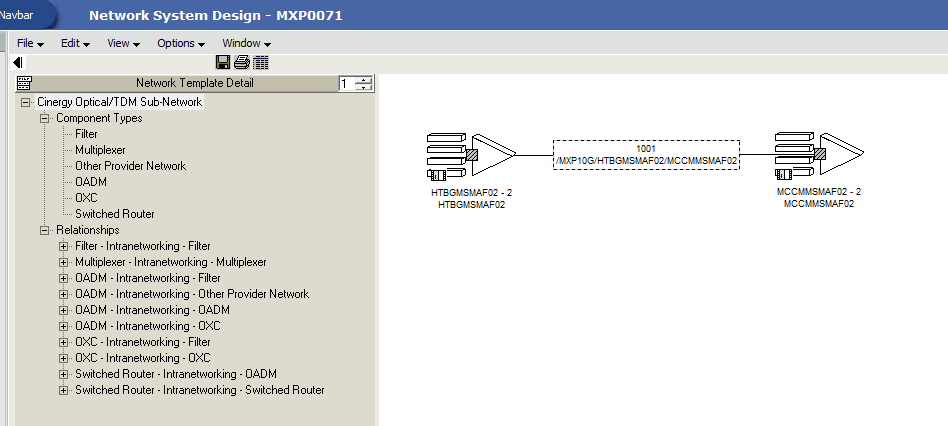
SPEC\_REL

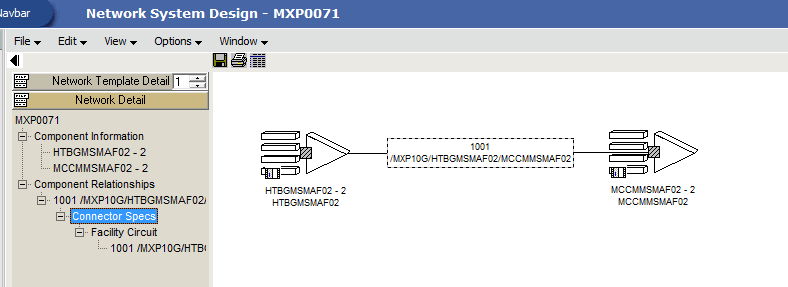
LEVEL\_1\_ITEM

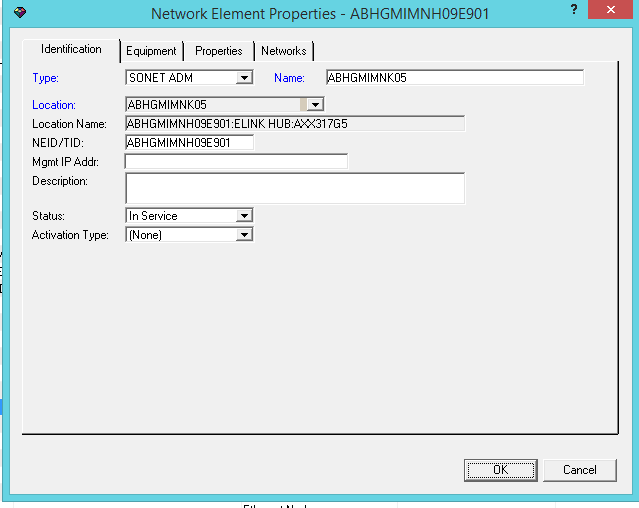
LEVEL\_1\_ITEM\_PR

DEFAULT\_VALUE

**Network Systems:**







NS\_NETWORK\_SYSTEM

NS\_NS\_COMP

NS\_NS\_CON

NETWORK\_NODE

NETWORK\_ROUTE

NS\_COMPONENT

NS\_COMPONENT\_ROLE

NS\_COMP\_CA\_VALUE

NS\_COMP\_CA\_VALUE\_REL

NS\_COMP\_CONFIG\_REL

NS\_COMP\_CONFIG\_REL\_CA\_VALUE

NS\_COMP\_EQUIP

NS\_COMP\_PORT\_ADDRESS

NS\_COMP\_REL

NS\_COMP\_REL\_NS

NS\_COMP\_REL\_NS\_CON\_SPEC

NS\_COMP\_SI

NS\_MULTI\_POINT\_COMPONENT

NS\_NS\_COMP

NS\_NS\_COMP\_ROLE