



element connect



Clarity

Clarity's Element Connect facilitates interfacing network elements by offering a common architecture for configuration of telecommunication equipment.



Clarity's Element Connect forms a mediation device layer providing both one-way mediation (configuration uploads) or two-way mediation (configuration and provisioning uploads and downloads).

Element Connect is a *proven integration solution* whereby only one mediation device is required per type of vendor equipment or vendor NEMS (where the NEMS may be capable of managing multiple types of network equipment).

Element Connect is a class library of protocols or common functions that enables Clarity, Systems Integrator Partners and customers to rapidly deploy interfaces to new network elements.

rapidly deploy, plug and play

Clarity mediation is based on a 'plug and play' architecture where additional mediation devices can be rapidly deployed to support new customer networks.

New network equipment can be managed by Clarity OSS by simply adding a new mediation device. Due to Clarity's extensive library of mediation devices, management of newly deployed, industry standard equipment can be *achieved in a matter of days*.

With a library of over 100 off-the-shelf mediation devices and additional mediation devices being released every day, Clarity works with network vendors to stay up to date with the *latest versions of equipment and software*.

Clarity incorporates many standard protocols and translates them into a standard format. Clarity's Element Connect solution supports most industry standard and de-facto protocols including SNMP, TCP/IP, XML, FTP, CMIP, ASCII, and CORBA. The solution has been designed so that additional protocols, such as standards-based Q3 protocol stacks, can also be integrated as required.

Clarity is able to offer a number of options for how new interfaces can be developed and/or implemented, including:

- Interfacing directly to the NE
- Interfacing to an Element Management System
- Interfacing to a Network Management System that consolidates many network elements/element management systems

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Clarity constantly updates the interfacing capability of Element Connect with emerging technology. It currently interfaces with the following list of mainstream equipment. For an updated list please visit the Clarity website, www.clarity.com

Alcatel

Alcatel ASL Multiplexer
Alcatel ASI Multiplexer

Cisco

Cisco WanManager
Cisco DSLAM
Cisco BRAS
Cisco IP
Cisco Routers
Cisco BPX/MGX/IPX

ComTrend

ComTrend CT500
ComTrend CT501
ComTrend CT502

ECI

ECI ASL Multiplexer Driver 1
ECI ASL Multiplexer Driver 2
ECI ASL Multiplexer
ECI DCME

Ericsson

Ericsson LMDS

Hughes

Hughes LMDS

Lucent

Lucent Starkeeper Datakit
Lucent Anymedia
Lucent Wavestar (WS-NMS)
Lucent DACS II

Marconi

Marconi FORE
Marconi EMOS

NetSync

NetSync CN2500
NetSync CS Clock

Nokia

Nokia NMS100
Nokia TMC
Nokia DN2/DM2/DNT1/DNT2
Nokia SXCT DX200

Nortel

Nortel Passport
Nortel Shasta
Nortel CVX 1800

Radiator

Radiator DSL AAA Manager
Radiator Dialpoint AAA Manager

Siemens

Siemens Fastlink
Siemens IN
Siemens ZDA 3/2
Siemens EWSP
Siemens EWSD

Timeplex

Timeplex TimeView 2000
Timeplex Link Equipment
Timeplex ST1000

Turnstone

Turnstone Crossworks
Turnstone CX100

further information

For further information e-mail us at info@clarity.com or visit www.clarity.com