

A black and white photograph of a city skyline at night, featuring numerous illuminated skyscrapers and buildings. The lights from the buildings are reflected in the water in the foreground. The sky is dark, and the overall scene is a dense urban landscape.

in:xtnd™

Saving the world from complicated

Digitalization Challenges

Digitalization requires upgraded broadband networks

- Higher speeds for high resolution streaming
- More responsive networks for immersive gaming
- Traffic optimizations for new IoT applications
- General deployment requires cost-efficient infrastructure



In:xtnd makes digitalization EASY

- Installation of complete fiber extension solution in four hours for one building
- No need to install new cables
- No need to access any apartments

In:xtnd is the SMART choice

- Enables 2.5Gbps services on existing coaxial networks
- Offers carrier class service provisioning and network management
- Fast deployment
- Short time to new revenue
- Support sustainability efforts

In:xtnd is a RELIABLE solution

- Based on a global standard – MoCA Access™
- Co-exist with existing TV-services
- Robust and future proof infrastructure

In:xtnd™ Advantages

- **Accelerated deployment** of multi-gigabit broadband that is easy to install and maintain
- **Significantly lower cost** compared to alternative technologies like FiberLAN and DOCSIS 3.1
- **Symmetric** upload and download
- **Remote system configuration** and monitoring via web-based tools
- **Co-existing** with Cable-TV and DOCSIS
- **No software installations** required on end-user devices

In:xtnd™ | Control | MA 2.5 4

- 10 Gbps ISP fiber port
- Four 2.5 Gbps coaxial channels
- Supports up to 124 In:xtnd Access modems.
- Products using MoCA Access™ 2.5 standard.
- Communicates with In:xtnd Access



In:xtnTM | Access | MA 2.5 2 Ethernet

- Coax to Ethernet Media Converter – 2x1 Gbps
- Dedicated TV signal output
- Products using MoCA AccessTM 2.5 standard
- Communicates with In:xtn Control 4 port



In:xtnd™ | Combine | MA 2.5

- Frequency multiplexer-demultiplexer
- Combine TV-frequencies and data in the in-building coaxial network.
- Support for all MoCA bands :
A-A, A-B, A-C and A-D



In:xtnTM | Manage | MA 2.5

- Advanced element manager with features for :
 - In:xtnTM Control deployment,
 - Service based In:xtnTM Access deployment,
 - Control and supervision of the coax link conditions.
- In:xtnTM Manage includes essential functions for carrier class service provisioning and network management.

The screenshot displays the INCOAX Coax Link Manager interface. The top navigation bar includes 'Link Controller Groups', 'Link Controllers', 'Access Modems', 'Customers', 'Statistics', 'Configuration', 'Management', 'Incoax Admin', and 'Logout'. The main content area is titled 'Link Controller Statistics' and shows a summary for 'CLC192x-2' with 11.7 Mbps Ethernet Ingress and 0.4 Mbps Ethernet Egress. Below this is a table of link channels and a detailed table of access modems.

Link Channel	RX Error [%]	Guaranteed rate Down	Guaranteed rate up	Coax Ingress	Coax Egress	Graphs	Status
1	1000 MHz 0.000000	126 Mbps	50 Mbps	0.404 Mbps	11.719 Mbps	BR Error	Error
2	1000 MHz 0.000000	76 Mbps	0 Mbps	0 Mbps	0.003 Mbps	BR Error	Error
3	1000 MHz 0.000000	100 Mbps	24 Mbps	0 Mbps	0.003 Mbps	BR Error	Error
4	1000 MHz 0.000000	76 Mbps	0 Mbps	0 Mbps	0.003 Mbps	BR Error	Error

Link #	Access Modem	Version	RX Rate	TX Rate	Link Quality [%]	Attenuation [dB]	RX Error [%]	Uptime	Performance Graphs	Status	Ethernet
1	84930c0028eb	101.0.22	252 Mbps	140 Mbps	100 / 59	49 / 61	0.001719	0h:14m	BR LQ RX Error	Status	0000
1	84930c00ff51	10.09.21	225 Mbps	145 Mbps	93 / 57	59 / 66	0.179196	0h:00m	BR LQ RX Error	Status	0000
3	84930c00ff50	10.09.21	253 Mbps	150 Mbps	100 / 59	42 / 48	0.000000	0h:00m	BR LQ RX Error	Status	0000

Fiber speed made easy all the way

