



# FTTH concept designed for CATV networks

EMC's **SUBONET** consists of three solutions. Each of these systems provides a cost effective way of ensuring total transparency for existing legacy CATV services as well as building a flexible platform for future communication. This division allows network operators to get a clear picture and to find the right solution.

## BASIC<sub>SUBONET</sub>

A cost competitive fibre access system, optimised for delivering existing CATV- and DOCSIS-based services over fibre, while providing network operators with an evolutionary path for tomorrow's communication services.

"It is ideal for incumbent CATV operators who gradually replace their connections to homes".

This architecture overcomes many of the problems with competitive HFC solutions, providing FTTH at costs similar to those of building HFC systems, reducing the operating maintenance costs and laying the groundwork for future applications.

## ENHANCED<sub>SUBONET</sub>

A low risk access system for network operators seeking new ways of communicating while at the same time supporting broadcast TV and DOCSIS-based services. EMC's approach is to provide network operators with a flexible platform for adding high speed data, voice and

new multimedia services as per subscribers' requirements.

It is ideal for incumbent cable operators, who value the advantages of fibre optic, but because of the slow rate of adoption of new services, want to prepare their networks for tomorrow's roll-out of new services minimising initial investment.

"It is ideal for incumbent CATV operators who value the advantages of fibre and want to prepare their networks for tomorrow".

## ADVANCED<sub>SUBONET</sub>

A flexible and modular end-to-end solution that provides network operators with multiple options in delivering services. It combines legacy CATV services with ETHERNET- connectivity

and VoIP in a single cost effective system.

It is ideal for highly specific network operators, for whom the introduction of new services is vital, and for incumbent cable operators, who want to provide advanced services in response to new subscribers' demand, while maintaining capital expenditure as close as possible to revenue generation.

"It is ideal for incumbent CATV operators who want to provide advanced services in response to new subscribers' demand".

*To find out more about EMC 's ability to HFC migration opportunity contact us via email at: [sales@emc-web.com](mailto:sales@emc-web.com)*

