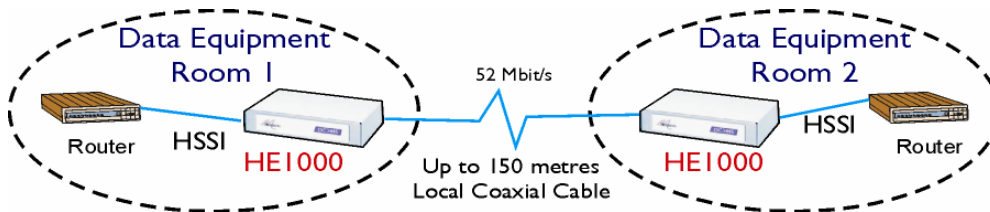


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## Product Overview: HE1000 HSSI Interface Extender

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### HE1000 - HSSI Interface Extender

*Or*

**How to extend a HSSI connection to  
150metres (from 10 metres) and  
ease your equipment co-location  
problems**

*or*

**how to connect HSSI routers to an  
ASI interface and save money**

Product Overview



Dramatically cut your leased line costs using Fibre Services

## Overview – What's the problem with the HSSI interface?

The HSSI (High Speed Serial Interface) is limited in its operation to around 10 metres. This distance limitation can give problems in equipment rooms where space is generally at a premium. As well as the logistics issue of different manufacturers' or types of equipment being co-located the problem is compounded by the fact that HSSI products have to be within 10 metres.

Now, however, with the HE1000 Interface Extender, more options in siting equipment are open to you. The different types or manufacture of HSSI products can now be situated in rooms distant from each other on campus, on the same floor or on different floors. Linked by standard coaxial cable the HE1000 economically removes these physical restrictions on Equipment rooms.

The ASI (Asynchronous Serial Interface) is gaining favour because of its distance capability and the fact that it will operate up to 270MBit/s, as opposed to HSSI which has the distance limitation and a maximum rate of 52MBit/s.

Although not yet available on routers, the ASI interface is popular in the Satellite modem and broadcast arena, for Internet Service expansion and content distribution.

The HE1000 will also act as a HSSI to ASI convertor.

Major benefits are economic physical flexibility and the ease of connecting the popular HSSI interface to emerging products with the ASI standard.

## Specific – Metrodata HE1000 Features

*Plug and play extension of point to point HSSI connections to 150m.*



- 51.84MBit/s over 150 metres
- Asymmetric Data Rate support
- Satellite compliant ASI Interface
- Selectable for Nx1MBit/s or standard rates
- Plug and Play
- 6U Rack Nest for 18 units

Product Overview

 Metrodata