



A Rockwell Automation Company

Fording Coal Limited Private Digital Microwave System

The Client:

Fording Coal Limited is a Canadian mining company that operates several large coal mines in Western Canada. The company has two mines in South Eastern

British Columbia. The Headquarters for the company is located in Calgary, Alberta.

The Requirement:

Fording Coal required high capacity digital service between their Calgary HQ and their coal mines: Fording River Operations and Greenhills Mine. The mines are located in a remote area and are not

convenient to the telephone network. The solution was to build their own digital microwave system.

The Design Solution:

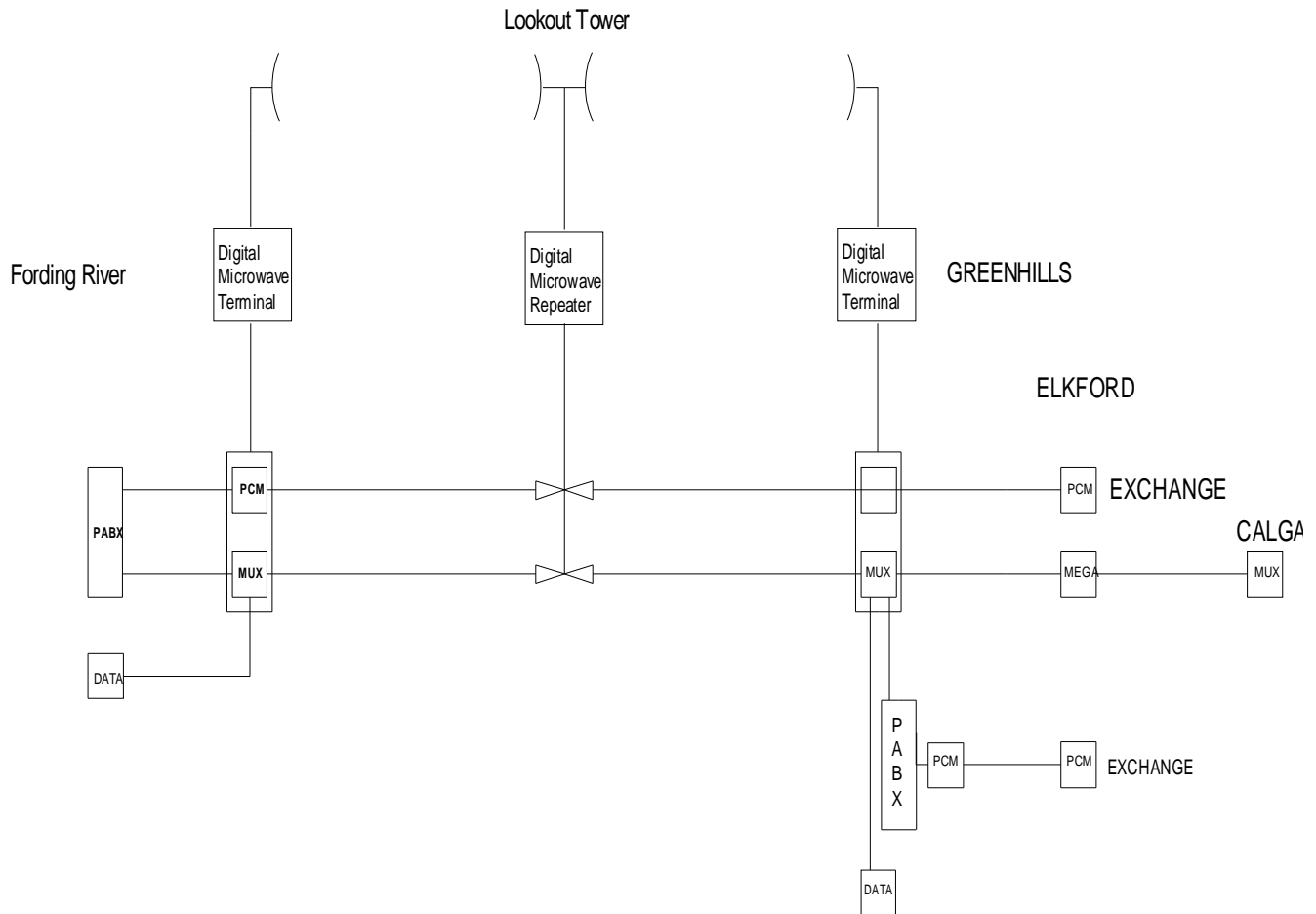
A 15 GHz microwave system was designed to provide a high speed data link between the two mines. The system had a capacity of 8 DS1's (12 mbs). Due to the very mountainous terrain the link had to be routed via a mountain top repeater. The private digital link

was interconnected to the telephone company for the connection to HQ.



A Rockwell Automation Company

Fording Coal Limited Private Digital Microwave System



System Specifications:

- 4 ATI Digital Microwave 15 GHz, 1+1 hotstandby, 8 DS1 capacity
- 2 Multiplexors, General Data Comm Model OCM
- 1 Multiplexor, General data Comm Model TMS Compact

For further information or to contact a Hinz office near you, please check our website at:

www.hinz.com