

Brussels International Airport Weather Radar System

Requirement: Provide low level wind shear detection for a major international airport. In addition, provide weather radar imagery and products for general meteorology and water management.

Solution: A Radtec model TDR 43-250 C-band Klystron based weather radar system with a precision offset feed antenna, digital receiver, Sigmet RVP7 signal processor, Sigmet IRIS software and a network of workstations and radar display stations.

The following photographs illustrate the system installation.



Belgocontrol Antenna & Pedestal Being Setup For Factory Testing



Closeup View Of Pedestal Mechanism

Brussels International Airport Weather Radar System



Radome, Antenna and support components prior to lifting into place.



Completed Installation



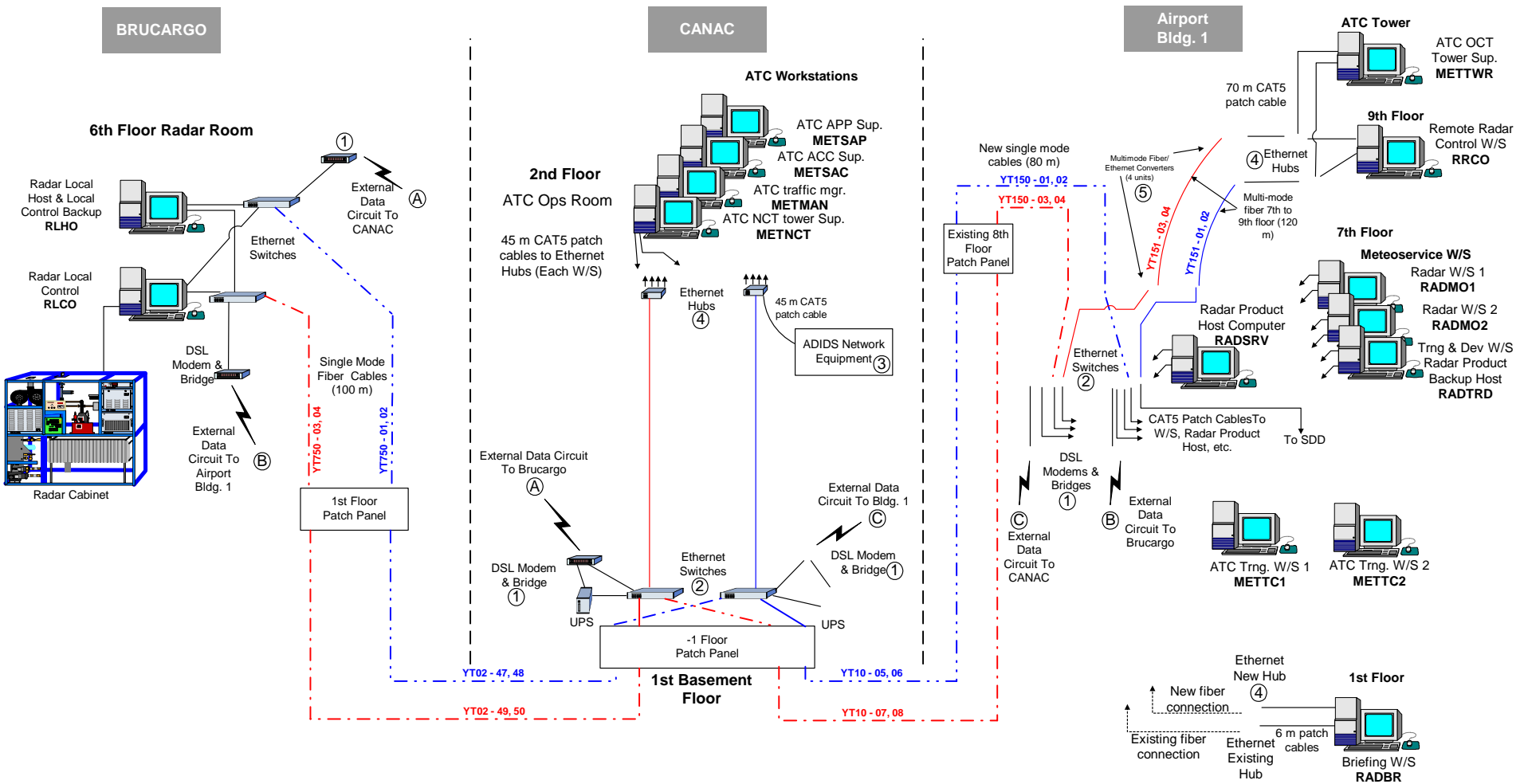
Belgocontrol TDR 43-250 During FAT Testing



Belgocontrol TDR 43-250 Operations Area At Brussels International Airport

The diagram on the next page provides an overview of the radar data processing and distribution network. Radar data and analysis products are delivered to all users within the airport complex.

Belgocontrol Weather Radar Data Network





Directie: E/P
Dienst : E/P/SY-Met
Referten: E/P/SY/553001/VBD/04971
Datum : 27/01/2004

For Mr. Greg Slater, Sales Manager, RADTEC Engineering

Dear Sir,

Hereby I do confirm that a site acceptance review board was held for the new weather radar system for the Brussels National Airport on 26 November 2003. The site acceptance was succesfull and a official report of the site acceptance was handed over to the RADTEC project manager (Mr.K.Weaver) on 27 November 2003.

Sincerely

Dirk Vandenbergh
Project leader
E/P/SY-Met

