

BOMBARDIER

SITE FACT SHEET

Gothenburg, SWEDEN

Basic Information

Total area: 1,175 m²

The Rail Control Solutions (RCS) Gothenburg site was formed in the mid 1990s around a new wireless (radio-based), moving block signalling concept for rail control systems. The system minimised the need for fixed installations and at the same time improved flexibility and transport capacity.

The site is part of Bombardier's over 100 years experience in rail control technology in Sweden, which includes the development of the world's first computerised interlocking and radio block centre, as well as the latest cutting edge technology.

Competencies

- Systems Engineering
- Software design and development
- System integration and testing
- Safety management
- Project management

Main Products and Contracts

- *INTERFLO* 150 system for industrial applications (mainly mining) which offers a high degree of automation, including driverless operation (ATO), automatic dispatching, remote loading, automatic unloading. With installations dating back to 1999, this was Bombardier's first CBTC system.
Customers to date in Chile and in Sweden (world's largest underground mines, for copper and iron respectively).
- *INTERFLO* 550 ERTMS Level 3 Regional solution which is the first system on the market compliant to the suggested UIC standard ERTMS Regional.
Customers to date in Sweden (frame agreement for 12 regional lines including the Västerdalsbanan pilot line) and in Kazakhstan (2 lines).

Historical Milestones

1996	Adtranz Signal acquires local engineering company Carrnovo AB
1999	First <i>INTERFLO</i> 150 solution commissioned at the Esmeralda system at El Teniente mine, Chile
2001	Bombardier Transportation acquires Adtranz

- 2005 Bombardier awarded frame agreement with Trafikverket to provide the
INTERFLO 550 ERTMS Regional solution for regional railways in Sweden
- 2011 Site moves from Trädgårdsgatan 1 to new offices at Polhemsplatsen 5

Certifications

- Quality management system, certified according to ISO EN 9001:2008
- Environmental management system, certified according to ISO EN 14001:2004
- International Railway Industry Standard (IRIS), certified according Rev. 02
- Occupational Health & Safety Management, certified according to BS OHSAS 18001:2007
- Swedac

Address

Polhemsplatsen 5

411 11 Göteborg, Sweden

Telephone +46 (0) 10 852 0000

<http://www.transportation.bombardier.com>