

BOMBARDIER

SITE FACT SHEET

BRAUNSCHWEIG, GERMANY

Basic Information

Total area: 12,000 m²
Number of employees: 150 (April 2014)

Braunschweig is one of the Central European sites of the Bombardier Rail Control Solutions Division. The main focus is the development of *BOMBARDIER* EBI** Lock computer-based interlocking (CBI) systems. The product portfolio also includes wayside equipment and automatic train control systems for *BOMBARDIER* INTERFLO** main lines and *BOMBARDIER* CITYFLO** mass transit solutions.

Competencies

- Development of *EBI* Lock CBI systems in Germany
- Development of automatic train protection (ATP) onboard equipment for Central Europe with a focus on ERTMS technology
- Project management, testing, commissioning and customer service for signalling projects in Central Europe

Main Products and Contracts over the last ten years

Commissioning of signalling projects including CBI and /or ATP onboard equipment

Germany:

- 11 CBI projects for Deutsche Bahn AG: *EBI* Lock CBI systems controlling over 30 stations and several thousands of objects for example in Mannheim-Rheinau, Kreiensen, Euskirchen, Gunterhausen, Weinheim, Wuppertal, Renchtalbahnhof
- *EBI* Lock CBI for several regional and industrial railways, for example for Rhein-Neckar Verkehr GmbH (RNV) and Albtal-Verkehrs-Gesellschaft (AVG)

Netherlands:

- *EBI* Lock 950 Release 4 CBI / European Train Control System (ETCS) Level 2 for Amsterdam-Utrecht main line; *EBI* Cab 2000 ATP and ETCS for Betuwe-Route, High Speed Line Zuid, Amsterdam-Schiphol-Rotterdam

Historical Milestones

1980	Formation by Prof. Dr.-Ing. Klaus Pierick, Technical University Braunschweig
1989	First commissioning of <i>EBI</i> Lock 500 CBI in Germany (at Eisenbahn & Häfen, Duisburg)
2006/2009	Approvals by Deutsche Bahn (DB) for <i>EBI</i> Lock 500 CBI for Renchtalbahnhof and <i>EBI</i> Lock 950 for Mannheim-Rheinau, Germany

2009/2010	Commissioning of <i>EBI</i> Lock 950 Release 4 / European Train Control System (ETCS) Level 2 for Amsterdam-Utrecht main line, the Netherlands
2011	Commissioning of modernised wayside systems for key freight and passenger lines for DB: Göttingen to Hannover (Kreiensen) and Kassel to Frankfurt a. M. (Gunterhausen)
2012	Commissioning of CBI Weinheim, Südliche Bergstraße for DB
2013	Project start of CBI Euskirchen Phase Two for DB

Certifications

- Quality management system, ISO EN 9001
- Environmental management system, ISO EN 14001
- International Railway Industry Standard (IRIS), Rev. 02
- Occupational Health & Safety Management, BS OHSAS 18001

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