

# BOMBARDIER

## SITE FACT SHEET

### Moscow, RUSSIA

#### Basic Information

Total area: 2,481m<sup>2</sup>

The Moscow-based Bombardier Transportation (Signal) Ltd is an engineering joint venture with RZD, established since 1996. It was the first international joint venture (JV) to be formed for the Russian Railways and the first company to be certified to deliver the latest generation of advanced signalling equipment adapted to the technical requirements of RZD. Employing over 150 employees, the company provides rail control solutions and services for the Russian Market and beyond, including CIS (Uzbekistan, Kazakhstan, Ukraine, Belorussia and Turkmenistan) and Baltic countries, and its products continue to meet the latest national standards.

The company has particular expertise in project design, installation, operation and maintenance for the full life cycle of the *EBI*\* Lock 950 computer-based interlocking (CBI) system. The first delivery took place at the Kalashnikov station in 1999 and today, the system is installed at 102 stations in Russia and 35 abroad. Operating on 15 regional branches of the Russian rail network, the *EBI* Lock CBI technology is controlling more than 3,000 point-machines and 392 km of automatic line-blocks.

#### Competencies

- Project design
- Development of interlocking logic package for the *EBI* Screen adapted for Russia Operation, training and maintenance

#### Main Products and Contracts over the last 10 years

##### *Main Products:*

- *EBI* Lock 950 CBI Release 3
- *EBI* Lock 950 CBI Release 4 and ruggedised

##### *Main Contracts:*

- (*Awarded 1998*) Ongoing contracts with our main customer RZD to deliver *EBI* Lock 950 in Russia
- (*Awarded 2007*) *BOMBARDIER*\* *INTERFLO*\* 200 signalling system for East-West Corridor Stage II sections, comprising 224 km of line and 20 stations (Krustpils to Rezekne, Krustpils to Daugavpils and Daugavpils junction)

- (Awarded 2007) *INTERFLO 200* Signalling system for the new Tashguzar-Kumkurgan construction project in Uzbekistan, including *EBI Lock 950* CBI system, interface with axle counters system, LED signals, object controller and wayside equipment (224 km semi-automatic line block and 17 stations)
- (Awarded 2011) *INTERFLO 550* mainline solution in Kazakhstan for new section of the strategic transport corridor, between Zhetygen (a suburb of Almaty) and Korgas (on the China border).

### Historical Milestones

Early 90's	First entry by Bombardier Transportation Signalling JV into the Russian market
1996	Joint venture established between Bombardier Transportation and RZD
1999	First trial operation of <i>EBI Lock 950</i> CBI (Kalashnikovo station Moscow-Saint Petersburg Line)
2001	Entry into Baltic market with contract for modernisation of Riga passenger station in Latvia (145 points)
2004	Two maintenance centres for services for stations equipped with <i>EBI Lock 950</i> CBI are created in Russia (in Moscow and in Irkutsk – East Siberian railway)
2007	Entry into Slovakian market with commissioning of <i>EBI Lock 950</i> at Čadca station and entry into Uzbekistan market with contract signing of Tashguzar-Kumkurgan New railway line Construction Project (Uzbekistan) to deliver <i>EBI Lock 950</i> CBI systems at 17 stations
2010	Entry into Kazakhstan market
2011	15 <sup>th</sup> Anniversary of the joint venture

## **Certifications**

Certificate of Conformity for Quality Management System applicable to: design, development, production including installation, assembly and commissioning works as well as maintenance works for *EBI* Lock 950 CBI systems; and integration of other railway signalling systems into *EBI* Lock 950 CBI.

- GOST R ISO 9001-2008 (ISO 9001:2008)  
Certificate of Conformity for *EBI* Lock 950 issued by the Federal Budget Enterprise, Register of Certification on Federal Railway Transport (RSFZHT)
- Certificate on the permit to construction works
- Certificate on the permit to design works

## **Address**

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

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