



Success Story

Thales Axle Counter System in Bangladesh in cooperation with LSIS

In late 2012, Thales was awarded a contract by LSIS, a leading Korean signaling supplier, to supply the Thales Axle Counter System Az LM for a signaling project in Bangladesh. Thales technology has been selected as it provides the most favourable benefit in terms of modularity, performance and price. The decades of Thales experience in India has contributed significantly to the successful cooperation between LSIS and Thales. The project comprises three track arrangements:

1. **13 Stations**
(Joydevpur to Mymensingh) equipped with 168 Detection Points
2. **Tongi Project**
(Tongi to Bhairab Bazar) equipped with 44 Detection Points
3. **Laksam Project**
(Laksam to Chinki) equipped with 42 Detection Points

What makes the Thales system a success?

Thales is not only a material supplier, but a full service provider. With the flexibility of the Axle Counter system structure, Thales can enable a customer to be in a position to install, engineer and finally operate and maintain the Axle Counter System in all respects independently by transferring support and Know-how into the country.

The project in detail

Thales was responsible for the Hardware delivery and project specific hardware adaptations. A Factory Acceptance Test (FAT) was performed at Thales production plant in Arnstadt before each delivery batch, where Thales welcomed an independent technical inspection agency appointed by the customer. Thales supported LSIS for the onsite installation and commissioning works, such as the drilling of rail.



Drilling of the hole

To ensure the correct usage of the equipment by the customer, Thales created an extensive training package. At first, a technical workshop was conducted by Thales in Korea which was attended by LSIS and Bangladesh Railways engineers. Subsequently a class room training was provided by Thales University in Bangladesh. This included Engineering, Data Preparation and Verification, Installation, Test and Commissioning followed by hands-on on-site support.



Training course in Bangladesh

Bangladesh is another country using Thales Axle Counters successfully in a sub-tropical monsoon climate. All in all the customers are very satisfied and looking forward to extend the railway business with Thales.

LSIS

LS Industrial Systems Co. Ltd, having its headquarter in Gyeonggi-do, South Korea was founded back in the year 1974. LSIS focus on Power, Automation & Green Business and is the leader and most experienced provider in Korea's railway industry.

With production facilities speaded over China, South Korea, and Vietnam with subsidiaries and branches speaded across the globe, LSIS employs more than 3200 people. In 2012 LSIS partnered with Thales, as the preferred Axle Counter supplier for their global railway signaling projects.