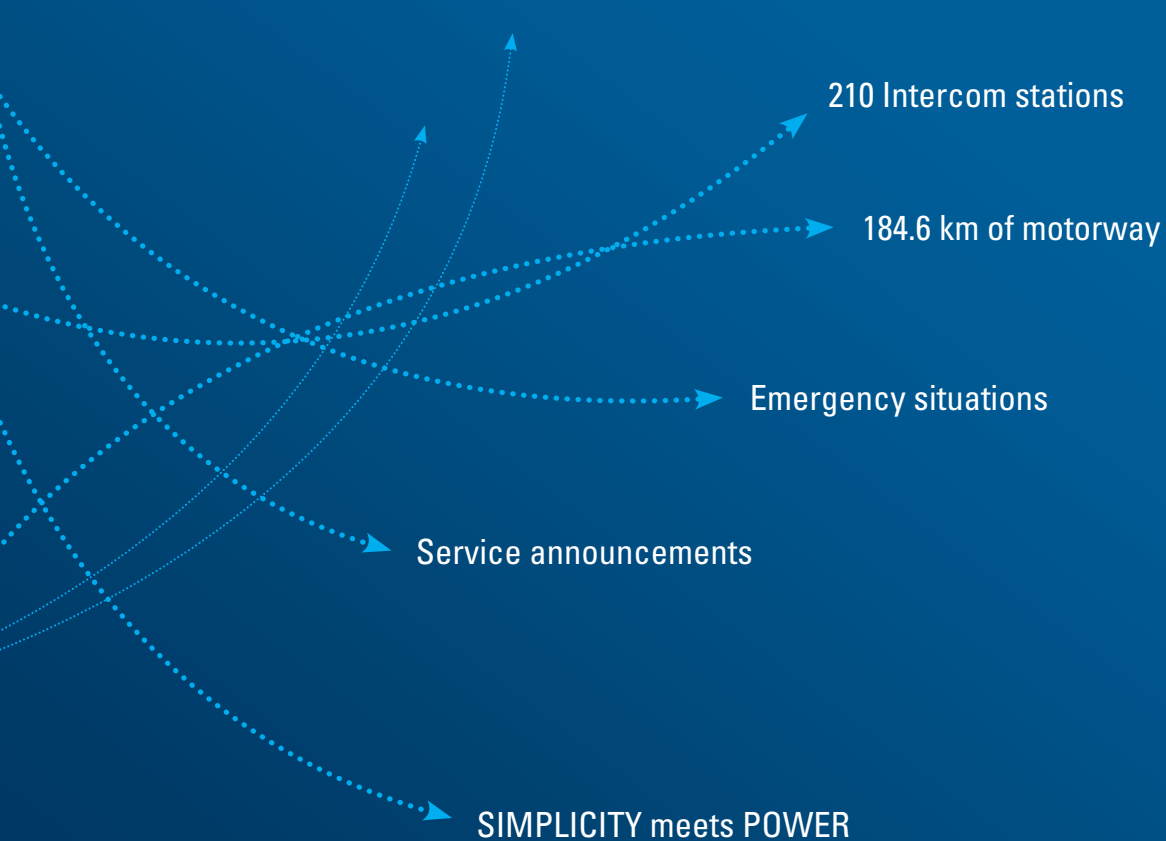




TOLL STATION INTERCOM

Milano Serravalle – Milano Tangenziali S.p.A. / Case Study



SECURITY AND COMMUNICATION

MILANO SERRAVALLE – MILANO TANGENZIALI S.P.A.

Help at the touch of a button



Photos: Milano Serravalle – Milano Tangenziali S.p.A.

Project Details

Customer

Milano Serravalle – Milano Tangenziali S.p.A.,
Milan, Italy

Project Type

Networking for managing emergency situations
and service announcements

Basic Data

210 Intercom stations

184.6 km of motorway

Technical Data

Intercom Servers GE 700 and GE 200

Control desk stations EE 811 and EE 380

Desktop stations EE 311

Wallmount stations EE 320

70 vandal resistant Intercom stations

Mix of analogue and digital technologies

The Solution

The Intercom system by Commend was chosen primarily to satisfy the operator's security needs. For this purpose, they wanted a fast and easy-to-operate communication system to help them manage emergency situations and service announcements as part of their everyday operations. The system mainly handles operator-to-operator communication: when needed (e.g. in case of robbery, illness, or emergency) operators have the most efficient communication tool available to inform their colleagues.

Not all toll stations are attended, especially at night time. In this case, the system supports communication with drivers over the network: this way, it is possible to manage incoming calls with clear speech transmission, CCTV and access control functionality.

The installed Intercom system by Commend consists of ten Intercom Servers (GE 700 and GE 200), one at each toll station. There are three different models of wired Intercom stations installed:

1. Control desk stations for the toll gate supervisors (EE 811 and EE 380)
2. Desktop/Wallmount stations (EE 311 and EE 320) for the operators
3. Vandal resistant Intercom stations to manage employee access control and wide load transit gates.

The system incorporates a combination of analogue and digital technologies. The Intercom Servers are connected with each other via a LAN network to allow unrestricted intercommunication between all call terminals.





Short Profile of Milano Serravalle – Milano Tangenziali S.p.A.

Milano Serravalle – Milano Tangenziali S.p.A. manages an infrastructural network that serves the Milan and Lombardy area, the hub of one of the main European motorway networks. Set up in 1951, Milano – Serravalle has two main priorities: to make “its” motorways even more efficient and safe, and to contribute – along with others working in the sector – to redesign a metropolitan and regional road infrastructure that has become inadequate. Based in Assago, it is the concessionary of the A7 motorway from Milan to Serravalle Scrivia and the three Milan ring roads (West, East and North) until 2028.

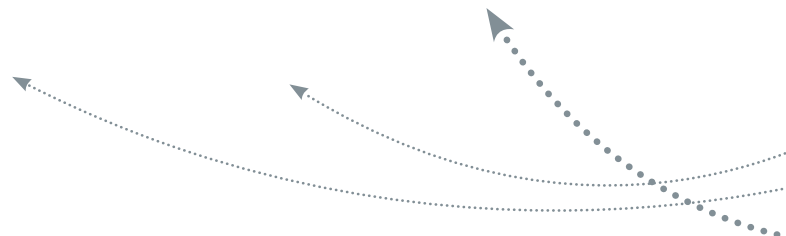
In total, the company manages more than 180 kilometres of motorway that are used by hundreds of thousands of vehicles every day. In particular, Milano Serravalle – Milano Tangenziali S.p.A. manages the following roads:

- ▶ A50 Milan West Ring Road with link road to Rho-Pero Fair Trade Centre (33.0 km)
- ▶ A51 Milan East Ring Road (29.4 km)
- ▶ A52 Milan North Ring Road (12.9 km)
- ▶ A7 Motorway Serravalle – Milano (86.3 km)

Customer’s Comment

Mr. Giuseppe Modica
Electric Department Manager of
Milano Serravalle – Milano Tangenziali S.p.A.

“Commend Intercom systems are the essential tool we use to manage the great amount of communication we have every day. Thanks to their extreme reliability and flexibility, these systems are able to meet our ever-changing operational needs: for these reasons Commend is a secure investment in the future for us.”



Commend

A Strong Network | Worldwide

When every second counts, people need a technology that does not just work, but is one hundred per cent reliable – anywhere, anytime around the clock. At Commend, we are aware of our responsibility. That is because millions of

people put their trust in us and our products every day. Whether at a London tube station, a car park in France or a hospital in the United States; because every word counts, everything speaks in favour of solutions by Commend.

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