Siemens supplies 25,000th Cxx0x traffic controller

The 25,000th series Cxx0x traffic controller left the Siemens plant in Augsburg in November 2012. The type C940ES, the most modern Siemens controllers in this series, will be used to control the traffic lights at all the crossroads in the Glückstein district of Mannheim. Since 1965 the factory in Augsburg produces with around 70 employees components for traffic and tunnel control systems.

By modernizing the traffic control system, Siemens is making a major contribution toward reducing pollution and increasing traffic safety in the city of Mannheim. The type C940ES used in Mannheim is specifically designed to meet the requirements for controlling 40-volt LED (light-emitting diode) lighting equipment, which saves up to 90 per cent of the energy consumed by the conventional bulbs previously used. The high safety level of the controllers installed in Mannheim will check changes in the behavior of the LED signals at the extremely rapid rate of 1,000 times per second, and report any conflicting signal states and defective lamps.

Controllers have to be able to meet demands which vary throughout the world. They are therefore specifically adapted to meet an extremely wide range of local infrastructural conditions. More than 200,000 traffic controllers in over 22 countries on three of the world’s continents are controlling traffic light phases on a daily basis - safely, reliably and in response to traffic conditions. The devices are designed to work in ambient temperatures from minus 25 degrees to plus 50 degrees Celsius. They are in operation in St. Petersburg, the most northerly city with over one million inhabitants in the world, as well as in the arid desert climate of Abu Dhabi.

Siemens' Mobility and Logistics Division (Munich, Germany) is a leading international provider of integrated technologies that enable people and goods to be transported in an efficient, safe and environmentally-friendly manner. The areas covered include rail automation, intelligent traffic and transportation systems, and logistics solutions for airports, postal and parcel business. Through its portfolio the Division combines innovations with comprehensive industry know-how in its products, services and IT-based solutions. Further information can be found at: http://www.siemens.com/mobility-logistics

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Editorial team:
Silke Reh / Katharina Ebert
+49 (0)89 636 630368
silke.reh@siemens.com
katharina.ebert@siemens.com (Dezember/2012/13)