

Plettac reports an innovative project in Nuremberg



Project value:	5 Mio Euro
Realisation period:	2002 - 2007

Website: www.rubin-nuernberg.de

In a venture which is unique in Germany, the Nuremberg public transport operator, VAG Nürnberg, is planning to introduce completely automatic driverless trains to two of its underground rail routes: to the U3 line in 2006, followed by the U2 line during 2007. At the same time it intends that security and safety standards in stations and trains will be further upgraded, and to facilitate this the transport authority and the Nuremberg civil works department have awarded plettac electronic security GmbH a large CCTV contract.

This contract includes equipping 19 stations along the two routes with professional monitoring systems to provide continuous, comprehensive monitoring of the platform areas and especially the tracks. For this at least eight model FAC 930 colour CCTV cameras and a matrix with digital recording will be installed in each station. Amongst other things this equipment will enable staff to recognise dangerous situations on the platform and tracks, so ensuring that the trains only enter the station platforms if it is certain that there are no passengers in the danger zone. In addition this surveillance will also provide protection for passengers while in the stations.

To ensure higher levels of security for passengers during their journeys, the project also includes the installation of four FAC 930 CCTV cameras into each of 30 trains. Picture transmission from train to control centre is to be by wireless LAN, which also enables the control centre to switch pictures during the journey. – So even without a driver, the control centre staff can be looking out for the security of the passengers.