Modern information instrument
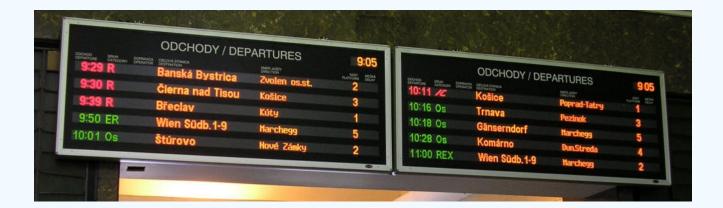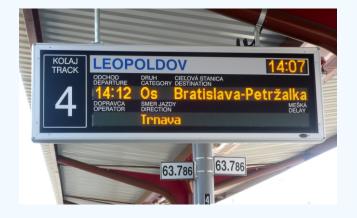## providing actual information to railway passengers

Computer controlled information system HaVIS provides automated announcement message generation which is delivered to passengers through station broadcast and also provides actual information about train departures and arrivals on large-size information boards, which are placed in various areas of the railway station. Modern conception of this system makes it possible to build information system networks for enclosed track sections with a possibility of control from the central dispatching office.

Modern information display boards of the TDR series, which are part of the HaVIS information system, provide high quality displaying of visual information. Because of the automatic brightness regulation system, boards ensure good readability in all ambient light conditions. Departures, arrivals, underpass and platform large-size display boards provide information to passengers about individual train connections and actual changes of train schedules. Displaying part of boards is made on the basis of new generation LED elements with high brightness, long lifetime, high readability and extreme endurance. New information boards of the TDR series are notable for their low operational cost and a minimum service and maintenance requirements.

Voice and Visual Information System

HaVIS

HaVIS – Passenger Information System Block Diagram

TRACK No. 4

PLATFORM No. 2

PLATFORM INFORMATION BOARDS

UNDERPASS INFORMATION BOARDS

TRACK No. 3

UNDER-PASS

TRACK No. 2

PLATFORM No. 1

PLATFORM INFORMATION BOARDS

UNDERPASS INFORMATION BOARDS

TRACK No. 1

MONITORING UNIT (WALL CONSOLE)

COMMUNICATION ADAPTER

MONITORING UNIT (DESKTOP)

COMMUNICATION ADAPTER

DATA LINES TO BOARDS (RS485)

DEPARTURES INFORMATION BOARD

ARRIVALS INFORMATION BOARD

COMMUNICATION MODULE HaVIS

BROADCASTING CENTRAL UNIT

GPS

SOUND SYSTEM OF THE RAILWAY STATION

AUDIO
DATA RS232
DATA GPS

AUDIO
DATA RS232
DATA GPS

SYNCHRONIZATION LINE ETHERNET

MAIN CONTROL UNIT

BACKUP CONTROL UNIT
(USED IN LARGE-SCALE SYSTEMS)