



## **SIGNALLING & CONTROL**

Company for engineering "Signalling & Control" Ltd.  
Branka Krsmanovica 20, 11000 Belgrade, Serbia

### **4. MSEI – MOBILE SIMPLE ELECTRONIC INTERLOCKING**

- MSEI represents simplified Electronic Interlocking with dependencies between stations entrance signals and principle of one entrance route at the time. Announcement of a train and replacement of the entrance signal after passage of the train is achieved via Electronic Rail Contacts - ERCs (short track circuits).
- MSEI is realized by HiMatrix HIMA PLC Family and other standard functional modules that are used for other safety signalling systems produced by Signalling & Control Ltd.
- It is used instead of the station interlocking system during the reconstruction to provide safe entrances of the trains to the station. It is connected to the existing outside equipment via the existing cables from the equipment room, or uses new outside equipment with temporary cables.
- Directorate for Railways of the Republic of Serbia issued the permanent approval for use of the EAC on the Serbian Railways, I-02-2 No.: 340-135-2/2015, from 17.03.2015.y.