

# Integration Services of MIREL VZ1 Train Protection

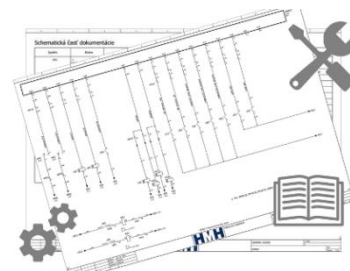
## Type **VYSVZ1**

Illustrative picture

Integration of MIREL VZ1 Train Protection on driving rail vehicle represents a set of activities aiming for installation of Train Protection in the DRV technology.

Functional and safety aspect of integration must be considered within integration of MIREL VZ1 Train Protection.

Integration of MIREL VZ1 Train Protection into driving rail vehicle can be carried out only by an integrator. Integrator is the Producer of Train Protection, or a subject authorized by Producer.



### Nomenclature

**VYSVZ1.K.M**  
— Modification of Service  
— Category of Service

### Services

Designation	Description	Obligatory service – integrator HMH s.r.o	Obligatory service – different integrator
VYSVZ1.OHDV.INT	Inspection prior to the integration	✓	–
VYSVZ1.KON.INT	Integration concept verification	✓	–
VYSVZ1.TEP.INT	Technical support of integrator within integration process	–	–
VYSVZ1.POS.KOM	Assessment of component suitability for connection to MIREL VZ1	–	–
VYSVZ1.POS.INT	Assessment of installation and integration based on integrator documents	–	–
VYSVZ1.AD.KOP	Provision of authorized application documentation copy	–	–
VYSVZ1.AD.UP	Adjustment of application documentation	–	–
VYSVZ1.AD.VYP	Compilation of application documentation	✓	–
VYSVZ1.POS.BEZ	Integration safety assessment	–	–
VYSVZ1.KONF.C1	Configuration generation	✓	✓
VYSVZ1.KONF.UP	Configuration adjustment	–	–
VYSVZ1.OZI.Z1	System prototype activation	✓	✓
VYSVZ1.SKJ.INT	Test drive execution	–	–
VYSVZ1.SKJ.P	Support with test drive organization and evaluation	–	–
VYSVZ1.HOM.P	Support in homologation process	–	–
VYSVZ1.SKP.VYH	Organization and evaluation of test operation	–	–
VYSVZ1.SD.S1	Provision of authorized documentation for S1 training level	–	–
VYSVZ1.SD.D3	Provision of authorized documentation for D3 training level	–	–
VYSVZ1.SD.Z1	Provision of authorized documentation for Z1 training level	–	–
VYSVZ1.SD.Z2	Provision of authorized documentation for Z2a training level	–	–
VYSVZ1.SD.Z2C	Provision of authorized documentation for Z2c training level	–	–

### Prepared Services

No record.

### Services without recommendation

No record.

---

## Specifications

The Catalogue sheet was prepared on the basis of the following specifications:

No.	Version	Title
257VZ1	230721	Technical conditions
2571VZ1	240318	VYSVZ1 Implementation conditions

