Integration Services of MIREL VZ1 Train Protection

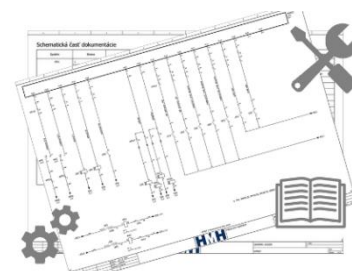# Typ **VYSVZ1**

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.

Services:

Service code	Description	Obligatory service – integrator HMH s.r.o	Obligatory service – different integrator
VYSVZ1.OHDV.INT	Inspection prior to the integration	yes	no
VYSVZ1.KON.INT	Integration concept verification	yes	no
VYSVZ1.TEP.INT	Technical support of integrator within integration process	no	no
VYSVZ1.POS.KOM	Assessment of component suitability for connection to MIREL VZ1	no	no
VYSVZ1.POS.INT	Assessment of installation and integration based on integrator documents	no	no
VYSVZ1.AD.KOP	Provision of authorized application documentation copy	no	no
VYSVZ1.AD.UP	Adjustment of application documentation	no	no
VYSVZ1.AD.VYP	Compilation of application documentation	yes	no
VYSVZ1.POS.BEZ	Integration safety assessment	no	no
VYSVZ1.KONF.C1	Configuration generation	yes	yes
VYSVZ1.KONF.UP	Configuration adjustment	no	no
VYSVZ1.OZI.Z1	System prototype activation	yes	yes
VYSVZ1.SKJ.INT	Test drive execution	no	no
VYSVZ1.SKJ.P	Support with test drive organization and evaluation	no	no
VYSVZ1.HOM.P	Support in homologation process	no	no
VYSVZ1.SKP.VYH	Organization and evaluation of test operation	no	no
VYSVZ1.SD.S1	Provision of authorized documentation for S1 training level	no	no
VYSVZ1.SD.D3	Provision of authorized documentation for D3 training level	no	no
VYSVZ1.SD.Z1	Provision of authorized documentation for Integrator training level	no	no
VYSVZ1.SD.Z2	Provision of authorized documentation for system installation level	no	no

Services under preparation:

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Dissuaded services:

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Specification:

No.	Version	Title
257VZ1	110610	Technical Conditions
2571VZ1	200210	VYSVZ1 Conditions of implementation