TS2014 - Scenario Package Munich-Augsburg

TrainTeamBerlin

Type	Train Simulator 2014 - Addon
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Preamble

Dear customer,

we thank you for your interest in our AddOn „Scenario package Munich - Augsburg 01". The present AddOn is an eminently special implementation.

After releasing the four PlusPacks we built our first scenario package: It's peppered with dozens of new vehicles and allows a realistic traffic scheme on the Munich to Augsburg route for the first time. Besides realistic trainsets we set a great value on the train operating processes - special situations in service and assignments by the dispatcher will make the scenarios a challenge. Nevertheless, there we kept realism - you will find original timetables and rakes from the year 2009 as far as it was possible to implement them. The scenarios will play in the timetable year 2009 predominantly. Furthermore we added the famous train stuff announcements. On top, we inscribed the train destination displays on the platforms depending on the scenario with real data. Using scenario scripts we were able to implement several operational specialties for one of the first times on a German route in Train Simulator 2014. So there is a lot material to discover and to do handicrafts with.

Counting all the delivered vehicles of this addon (with its loading and painting versions), there are about 300 vehicles. This is an extent that gives our addon the potential to become a standard work of scenario creators.

All trainsets - AI-trains (artificial intelligence, usage only for dispatcher controlled traffic) as well as player trains - make use of real sounds and have special functions for raising the realism. These features will be explained in detail in this manual.

We plan to create further German Train Simulator addons. So it's rewarding to have a look at our forum http://www.trainteamberlin.de/forum and our facebook page https://www.facebook.com/TrainTeamBerlin periodically. In this sense, we wish you as much pleasure with this AddOn as we had while creating it.

TrainTeamBerlin
Berlin, May 2014

Contents

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The team and acknowledgements

The team is free to introduce itself at this place:

Software: TrainTeamBerlin
Distribution: Halycon Media und TrainTeamBerlin

Benjamin Ebrecht	3d models, sounds, scripting, repaints, scenarios, manual
Jonas Flemming &	
Regina Weege	Scenarios
Halycon-Media bzw.	
seine Autoren	archive models, sounds
Sebastian Hellmann	train destination generator (www.mytrainsim.de)
Christian Kirmse	double deck coach mods and train destination displays
Ben Duven	announcements

Furthermore we want to thank all other (partly anonymous) helpers and licensors who made a contribution to the success of this addon! Special thanks to Giovanni, equinox82, 146Freak, 151Olli, zahnpabst und Verkehrsente. Another special thanks goes to all tireless beta testers and courage-granters - you all have your portion of the detail-enamoured realization.

One or more textures on 3D models used in this addon have been created with images from CGTextures.com. These images may not be redistributed by default, please visit www.cgtextures.com for more information.

System requirements

Processor (CPU):	DualCore 3 GHz
Memory (RAM):	4096 MB
Graphic board:	DirectX 10-ready or better, 1024 MB physical graphic memory
Hard disc space:	1500 MB
Sound board:	Soundblaster or compatible gamer card
Software:	→ Train Simulator 2014
	→ Belonging "European Community Asset Pack" (installed automatically if Railworks TS2012 or earlier was used)
	→ Route addon: Munich - Augsburg (Steam)
	→ strongly suggested: TrainTeamBerlin "Railworks PlusPack Vol. 1" respectively the four standalone PlusPacks BR101, BR143, BR151 und BR294

This AddOn has been developed with Train Simulator 2014.

Important! Please note that you need the actual update of each required addon.

Installation & Configuration

You have to execute the file setup.exe to install „Scenario package Munich-Augsburg". The automatic install routine is opening. Follow the instructions and install the addon in your Railworks main folder. This is detected automatically in most cases. You finished the installation with doing this.

Deinstallation:

If you want to uninstall "Scenario package Munich-Augsburg ", just run the uninstall routine which you can find in the start menu: Programs → TrainTeamBerlin → SzenarioPaket M-A 01 → „Deinstallation". Follow the instructions. Now the addon is removed from your PC.

TrainTeamBerlin 2014

Vehicles

In the following we will present you the delivered vehicles and its specific functions.

Double deck coaches

→ activation folder in scenario editor: **TrainTeamBerlin \ TTB_M-A_KI-Verkehr**
→ Set of 3 DB Regio coaches
→ highly detailed original sound
→ available vehicles and paintings:
  paintings:
    - "DB Regio" from the year 2009 with "Regio DB"-logo
  vehicles:
    - DBpza780 (2nd class middle coach)
    - DABpza785 (1st class middle coach)
    - DBpbzfa765/766 (control car, not driveable)

→ predefined Consists delivered
→ Train destination display (pixel accurate original) can be chosen via DynamicNumbering
    - wagon number contains a letter that preselects a train destination
    - available destinations:

a	München Hbf	k	Garmisch-Partenkirchen
b	München Pasing	l	Rosenheim
c	Augsburg Hbf	m	Freilassing
d	Ingolstadt	n	Salzburg
e	Donauwörth	o	S3 München Hbf
f	Ulm Hbf	p	S3 Maisach
g	Kempten	q	S3 Mammendorf
h	Weilheim	r	Mering
i	Schongau	s	Mammendorf
j	Kochel		

IC-Coaches

→ activation folder in scenario editor: **TrainTeamBerlin \ TTB_IC-Wagen01**
→ set with 37 express coaches of different types and paintings
→ complex built original sound
→ random-offset-triggered opening and closing doors
→ available coaches:

Identifier	Description	Available paintings
Aimz261	IR-Coach 1st Class	(DB, IR, VR)
Apmz121	IC-Coach 1st Class	(DB, IC, IC2)
ARkimbz266	IR-BordBistro	(DB, IR)
Avmz109	IC-Coach 1st Class	(DB, IC, IC2)
Bimz264	IR-Coach 2nd Class	(DB, IR, VR)
Bimdz268	IR-Coach 2nd Class, bike cabin	(DB, IR, VR)
Bimdzf271	IR-Control car	(DB, IR, IC, IC2)
Bpmbdzf296	IC-Control car	(DB, IC2)
Bpmbkz294	IC-Coach, 2nd Class, SnackPoint	(DB, IC, IC2, VR)
Bpmbz295	IC-Coach, 2nd Class, wheelchair-accessable	(DB, IC, IC2)
Bpmdz293	IC-Coach, 2nd Class, bike cabin	(IC)
Bpmz294	IC-Coach, 2nd Class	(DB, IC, IC2)
Bvmsz186	IC-Coach, 2nd Class, pressurized	(DB, IC, IC2)

Description of paint schemes:

DB   ICE-Scheme, white + red stripe
IR   InterRegio-Scheme, blue/white
IC   InterCity-Scheme with contrast stripe
IC2   InterCity-Schema traffic red without contrast stripe
VR   traffic red with white stripe

→ Coaches with sideways passenger information display can be labelled via DynamicNumbering. The wagons have the following numbering scheme:

0,0,618085-944004ABCDEEEEEFFFG

A - departure location   D - train category
B - location on route   E - figures of train number (thin)
C - destination location   F - figures of wagon number (thick)
G - frame and wagon symbol (always "+" if display is enabled)

Available inscriptions:

+ - frame and wagon symbol

_ - [empty]

Ziffern (dünn)		Ziffern (fett)		Zuggattungen	
0	0 thin	=	0 bold	a	ICE
1	1 thin	!	1 bold	b	IC
2	2 thin	"	2 bold	c	EC
3	3 thin	§	3 bold	d	IR
4	4 thin	$	4 bold	e	D
5	5 thin	%	5 bold	f	UEx
6	6 thin	&	6 bold	g	Sdz
7	7 thin	/	7 bold	h	IRE
8	8 thin	(	8 bold	i	RE
9	9 thin	)	9 bold	j	RB

Available locations:

l - Berlin Südkreuz	R - Wiesbaden
m - Berlin Hbf (tief)	S - Koblenz
n - Berlin Ostbahnhof	T - Stuttgart Hbf
o - Berlin Gesundbrunnen	U - Augsburg
p - Hamburg Hbf	V - Karlsruhe Hbf
q - Hamburg Altona	W - Göttingen
r - Stralsund	X - Dresden Hbf
s - Rostock Hbf	Y - Praha hl. n.
t - Warnemünde	Z - Brno hl. n.
u - Kopenhagen	ä - Budapest-Keleti
v - Ostseebad Binz	ö - Wien Westbahnhof
w - Ostseebad Heringsdorf	ü - Salzburg
x - Westerland (Sylt)	ß - Zürich
y - Dagebüll (Mole)	Ä - Basel SBB
z - Norddeich Mole	Ö - Interlaken Ost
A - Emden	Ü - Kiel
B - Osnabrück Hbf	- - Flensburg
C - Münster Hbf	. - Aarhus
D - Schiphol	, - Freiburg

E - Amsterdam CS	: - Oldenburg
F - Lutherstadt Wittenberg	; - Garmisch-Partenkirchen
G - Leipzig Hbf	\ - Innsbruck
H - Erfurt Hbf	[- Wittenberge
I - Nürnberg Hbf	] - Ludwigsfelde
J - München Hbf	{ - Trier
K - Hannover Hbf	} - Luxemburg
L - Dortmund Hbf	< - Altenburg Hbf
M - Düsseldorf Hbf	> - Bad Rinckenburg
N - Köln Hbf	| - Köblitz Hbf
O - Köln/Bonn Flugh	° - Wildau
P - Frankfurt/Main Hbf	² - Hosvenn
Q - Frankfurt/Main Flugh	³ - Wismar

→ The IR-Control car has got a nose cover. This can be opened or closed. You can choose the state via Dynamic Numbering, too. An "O" stands for opened (default state) and a "C" stands for "closed".

n-Coaches

→ activation folder in scenario editor: **TrainTeamBerlin \ TTB_n-Wagen**
→ Set of 8 different DB Regio coaches
→ highly detailed original sound
→ available vehicles and paintings:

Lackierungen:
- SI   silver with peacock moth pattern (delivery state)
- MG   mint green / white
- VR   traffic red

Fahrzeuge:

Vehicle	Description	Available Paintings
ABnrz417	1st class middle coach, modernized, DB AG	MG, VR
Bnrz446	2nd class middle coach, modernized, DB AG	MG, VR
Bnrz724	2nd class middle coach, unmodernized, DB AG	SI
Bnrdzf477	Control car "Karlsruher Head", modernized, DB AG	MG, VR
Bnrdzf483	Steuerwagen "Wittenberger Head", DB AG	VR

→ every middle coach has got three letters in ist dynamic number. One can configure ist functionality via Dynamic numbering. The numbering scheme is

    508031-344038KB-

- the first letter configures the brake type:
      "K" - block brake
      "S" - wheel disc brake
- the second letter configures the warn beeper for the door closing procedure:
      "B" - with door warning beeper
      "-" - without door warning beeper
- the third letter configures the graffiti on the wagon:
      "G" - with graffiti
      "-" - without graffiti

→ the train destination display can be configured on control cars via a 4th letter in the wagon number. The control car numbering scheme is:

508082-340757KB-a

- wagon number contains a 4th letter that preselects a train destination
- available destinations:

a	München Hbf	r	Hamburg Altona
b	München Pasing	s	Hamburg Hauptbahnhof
c	Augsburg Hbf	t	Hamburg Harburg
d	Ingolstadt	u	Lüneburg
e	Donauwörth	v	Uelzen
f	Ulm Hbf	w	Celle
g	Kempten	x	Hannover Hbf
h	Weilheim	y	Lehrte
i	Schongau	z	Gifhorn
j	Kochel	1	Braunschweig Hbf
k	Garmisch-Partenkirchen	2	Helmstedt
l	Rosenheim	3	Hildesheim
m	Freilassing	4	Goslar
n	Salzburg	5	Bremen Hbf
o	S3 München Hbf	6	Nienburg (Weser)
p	S3 Maisach	7	Hameln
q	S3 Mammendorf	8	Lübeck Hbf
*	Mering	9	Kiel Hbf
|	Mammendorf	0	Flensburg
		-	Cuxhaven
		+	Büchen
		#	Neumünster

A	Altenburg Hbf	N	Berlin Hbf
B	Bad Rinckenburg	O	Berlin Gesundbrunnen
C	Wildau	P	Berlin Südkreuz
D	Hosvenn	Q	Berlin Schönefeld Flughafen
E	Köblitz Hbf	R	Ludwigsfelde
F	Nicht Einsteigen	S	Jüterbog
G	Trier Hbf	T	Luckenwalde
H	Luxemburg	U	Lutherstadt Wittenberg
		V	Potsdam Hbf
		W	Werder (Havel)
I	Düsseldorf Hbf	X	Michendorf
J	Köln Hbf	Y	Nauen
L	Aachen Hbf		
M	Hamm (Westf)		

Falns-Wagons

→ activation folder in scenario editor: **GermanRailroadsRW \ Rollmaterial**
→ bulk cargo wagon with DynamicNumbering and automatically placed end-of-train signals
→ complex built original sound
→ 14 painting versions:

	Falns 01-05	DB, brown, partly graffiti
	Falns 06-08	PKP, old, blue/yellow
	Falns 09-10	PKP, old, brown
	Falns 11-14	PKP, actual, blue

Fas-Wagons

→ activation folder in scenario editor: **GermanRailroadsRW \ Rollmaterial**
→ bulk cargo wagon with DynamicNumbering and automatically placed end-of-train signals
→ complex built original sound
→ four versions available (different textures, DB Cargo / Railion)

TTB Rmms 662

→ activation folder in scenario editor: **TrainTeamBerlin \ TTB_GW_Rmms662**
→ heavy duty wagon with DynamicNumbering and automatically placed end-of-train signals, couplings and brake hoses
→ complex built original sound
→ 4 wagons available: - empty
                                          - load cable drum
                                          - load steel slabs
                                          - load tank Leopard L6A2

More (AI-)Vehicles

The trains described in the following are designed as AI-trains (AI = artificial intelligence) and just intended for use in the computer-driven traffic scheme of scenarios. The traction vehicles are NOT drivable by the player. The wagons are technically and functionally not on the player train detail level - but you can use them in player trains as well if you want to.

ICE 1

→ activation folder in scenario editor: **TrainTeamBerlin \ TTB_ICE1_KI**
→ ICE1-trainset with DynamicNumbering and original sound
→ Predefined consists:

TTB_ICE1_Norm	ICE1, normal dirt
TTB_ICE1_Clean	ICE1, clean
TTB_ICE1_Dirt	ICE1, heavy dirt
TTB_ICE1_DB	ICE1, without Redesign, with purple contrast stripe, normal dirt
TTB_ICE1_M_Norm	ICE1 M (with SBB-Pantograph), normal dirt
TTB_ICE1_M_DB	ICE1 M (with SBB-Pantograph), without Redesign, with purple contrast stripe, normal dirt

→ Selection of forename via DynamicNumbering - the last place of a wagon number is a letter - this can be adjusted as follows:

A	[no forename]	X	Tz 156 – Heppenheim/Bergstraße
B	Tz 101 – Gießen	Y	Tz 157 – Landshut
C	Tz 103 – Neu-Isenburg	Z	Tz 158 – Gütersloh
D	Tz 104 – Mühldorf a. Inn	a	Tz 159 – Bad Oldesloe
E	Tz 105 – Offenbach am Main	b	Tz 160 – Mülheim an der Ruhr
F	Tz 106 – Itzehoe	c	Tz 161 – Bebra
G	Tz 107 – Plattling	d	Tz 162 – Geisenheim/Rheingau

H	Tz 108 – Lichtenfels	e	Tz 166 – Gelnhausen
I	Tz 109 – Aschaffenburg	f	Tz 167 – Garmisch-Partenkirchen
J	Tz 110 – Gelsenkirchen	g	Tz 168 – Crailsheim
K	Tz 111 – Nürnberg [110]	h	Tz 169 – Worms
L	Tz 112 – Memmingen	i	Tz 171 – Heusenstamm
M	Tz 113 – Frankenthal/Pfalz	j	Tz 174 – Zürich
N	Tz 114 – Friedrichshafen	k	Tz 176 – Bremen
O	Tz 115 – Regensburg	l	Tz 177 – Basel
P	Tz 116 – Pforzheim	m	Tz 178 – Bremerhaven
Q	Tz 117 – Hof	n	Tz 181 – Interlaken
R	Tz 119 – Osnabrück	o	Tz 182 – Rüdesheim am Rhein
S	Tz 120 – Lüneburg	p	Tz 183 – Timmendorfer Strand
T	Tz 152 – Hanau	q	Tz 184 – Bruchsal
U	Tz 153 – Neumünster	r	Tz 185 – Freilassing
V	Tz 154 – Flensburg	s	Tz 187 – Fulda
W	Tz 155 – Rosenheim	t	Tz 188 – Hildesheim
		u	Tz 189 – Castrop-Rauxel
		v	Tz 190 – Ludwigshafen am Rhein

ICE 2

→ activation folder in scenario editor: **TrainTeamBerlin \ TTB_ICE2_KI**
→ ICE2-trainset with DynamicNumbering and original sound
→ Predefined consists:

TTB ICE2 VZ norm KI	DB ICE2 Full-length train, Ep. 6, normal dirt
TTB ICE2 HZ norm KI	DB ICE2 Half-length train, Ep. 6, normal dirt
TTB ICE2 VZ clean KI	DB ICE2 Full-length train, Ep. 6, clean
TTB ICE2 HZ clean KI	DB ICE2 Half-length train, Ep. 6, clean
TTB ICE2 VZ dirt KI	DB ICE2 Full-length train, Ep. 6, heavy dirt
TTB ICE2 HZ dirt KI	DB ICE2 Half-length train, Ep. 6, heavy dirt
TTB ICE2 VZ DB KI	DB ICE2 Full-length train, Ep. 5, with purple contrast stripe, normal dirt
TTB ICE2 HZ DB KI	DB ICE2 Half-length train, Ep. 5, with purple contrast stripe, normal dirt

→ the nose cover is configured by a letter at the 14th place in the DynamicNumbering scheme:

Example.:	BR402 closed:	938054020014_C
	BR402 opened:	938054020014_O
	BR808 closed:	938058080014FC
	BR808 opened:	938058080014FO

→ Selection of forename via DynamicNumbering - the last place respectively the the next to the last place of a wagon number is a letter (the X in the example number) - this can be adjusted as follows:

BR808	938058080014XO
BR805	938058050017X

A	[no forename]	W	Tz 222 – Eberswalde
B	Tz 201 – Rheinsberg	X	Tz 223 – Schwerin
C	Tz 202 – Wuppertal	Y	Tz 224 – Saalfeld (Saale)
D	Tz 203 – Cottbus/Chósebuz	Z	Tz 225 – Oldenburg (Oldb)
E	Tz 204 – Bielefeld	a	Tz 226 – Lutherstadt Wittenberg

F	Tz 205 – Zwickau	b	Tz 227 – Ludwigslust
G	Tz 206 – Magdeburg	c	Tz 228 – Altenburg
H	Tz 207 – Stendal	d	Tz 229 – Templin
I	Tz 208 – Bonn	e	Tz 230 – Delitzsch
J	Tz 209 – Riesa	f	Tz 231 – Brandenburg an der Havel
K	Tz 210 – Fontanestadt Neuruppin	g	Tz 232 – Frankfurt (Oder)
L	Tz 211 – Uelzen	h	Tz 233 – Ulm
M	Tz 212 – Potsdam	i	Tz 234 – Minden
N	Tz 213 – Nauen	j	Tz 235 – Görlitz
O	Tz 214 – Hamm (Westf.)	k	Tz 236 – Jüterbog
P	Tz 215 – Bitterfeld-Wolfen	l	Tz 237 – Neustrelitz
Q	Tz 216 – Dessau	m	Tz 238 – Saarbrücken
R	Tz 217 – Bergen auf Rügen	n	Tz 239 – Essen
S	Tz 218 – Braunschweig	o	Tz 240 – Bochum
T	Tz 219 – Hagen	p	Tz 241 – Bad Hersfeld
U	Tz 220 – Meiningen	q	Tz 242 – Quedlinburg
V	Tz 221 – Lübbenau/Spreewald	r	Tz 243 – Bautzen/Budyšin
		s	Tz 244 – Koblenz

ICE-T

→ activation folder in scenario editor: **TrainTeamBerlin \ TTB_ICE-T_KI**
→ ICE-T-trainset Class 411 with DynamicNumbering and original sound
→ realistic working, active tilting technology
→ predefined consists delivered:

    TTB ICT 1x   ICE-T, half train
    TTB ICT 2x   ICE-T, full train

→ you have to name all vehicles of one EMU with the same EMU-number for a realistic look (DynamicNumbering).

    - blind windows placed automatically at vehicles of 1st line (Tz1101-Tz1132)
    - ICE-logo placed automatically on end trains of some EMUs (Tz 1107, 1112, 1125, 1127, 1128, 1130, 1153)
    - ÖBB cooperation logo placed automatically at adequate (Tz 1101- 1105, 1107 - 1113, 1119)

    → Tz-number = serial continuous numbering of EMUS. Tz1119 consists of the vehicles 411 019, 411 119, 411 219, … and so on

→ via DynamicNumbering you can control additional functions:

Numbering scheme: 93805411_5142Op1a-

O: nose cover state → "O": opened, "C": closed
p1:   pantograph state → "p1": raised," p0": lowered
-:   train destination displays - available:
              "-" ICE 1719 Berlin - München
              "+" ICE 1556 Dresden - Wiesbaden
a: forename - ALL realistic forenames are available:

a	-	without forename	A	Tz1126	Leipzig
b	Tz1101	Neustadt an der Weinstraße	B	Tz1127	Weimar
c	Tz1102	Neubrandenburg	C	Tz1128	Reutlingen
d	Tz1103	Paderborn	D	Tz1129	Kiel
e	Tz1104	Erfurt	E	Tz1130	Jena
f	Tz1105	Dresden	F	Tz1131	Trier
g	Tz1106/1159	Passau	G	Tz1132	Wittenberge
h	Tz1107	Pirna	H	Tz1151	Elsterwerda
i	Tz1108	Berlin	I	Tz1152	Travemünde
j	Tz1109	Güstrow	J	Tz1153	Ilmenau
k	Tz1110	Naumburg (Saale)	K	Tz1154	Sonneberg
l	Tz1111	Hansestadt Wismar	L	Tz1156	Waren (Müritz)
m	Tz1112	Freie und Hansestadt Hamburg	M	Tz1157	Innsbruck
			N	Tz1158	Falkenberg/Elster
n	Tz1113	Hansestadt Stralsund	O	Tz1160	Markt Holzkirchen
o	Tz1114/1172	Bamberg	P	Tz1161	Andernach
p	Tz1115/1176	Coburg	Q	Tz1162	Vaihingen an der Enz
q	Tz1116/1173	Halle (Saale)	R	Tz1163	Ostseebad Binz
r	Tz1117	Erlangen	S	Tz1164	Rödental
s	Tz1118	Plauen / Vogtland	T	Tz1165	Bad Oeynhausen
t	Tz1119	Meißen	U	Tz1166	Bingen am Rhein
u	Tz1120	Gotha	V	Tz1167	Traunstein
v	Tz1121	Homburg / Saar	W	Tz1169	Tutzing
w	Tz1122	Torgau	X	Tz1170	Prenzlau
x	Tz1123	Hansestadt Greifswald	Y	Tz1171	Oschatz
y	Tz1124	Hansestadt Rostock	Z	Tz1175	Villingen-Schwenningen
z	Tz1125	Arnstadt	<	Tz1177	Rathenow
			>	Tz1178	Ostseebad Warnemünde

Class 101

→ activation folder in scenario editor: **TrainTeamBerlin \ TTB_IC_KI**
→ set of 13 versions of class 101 with DynamicNumbering and original sound
→ available engines:

101 016	Unicef
101 034	"in Form"
101 036	PEP (pricing system)
101 037	Buffet
101 044	without ad
101 047	fire brigade
101 060	Bundespolizei
101 067	"Nett Hier"
101 070	Adler Mannheim
101 101	Europe
101 102	Gegen Hass und Gewalt blue
101 141	Gegen Hass und Gewalt black
101 144	Hertha BSC

Class 110

→ activation folder in scenario editor: **TrainTeamBerlin \ TTB_BR110_KI**
→ Set with 2 versions of the class 110 (named "crease") with original sound
→ available engines:

    BR110 BF VR   traffic red, epoch 6
    BR110 BF SB   steel blue, epoch 4

Class 114/143

→ activation folder in scenario editor: **TrainTeamBerlin \ GermanRailroadsRW**

→ Set of 3 locos of the classes 143 with original sound

→ pantograph raised automatically: - normal: back pantograph
                                          - 1. loco of double traction: front pantograph
                                          - loco marked as "defect": both pantographs lowered

→ delivered versions: - 143 344   MEG, red
                               - 143 589   traffic red, DB Regio, without train destination display
                               - 143 911   RBH, blue/silver

Class 151

→ activation folder in scenario editor: **TrainTeamBerlin \ Berlin-Leipzig**
→ set of 5 locos of the Class 151 with original
→ pantograph raised automatically: - normal: back pantograph
        - 1. loco of double traction: front pantograph
        - loco marked as "defect": both pantographs lowered

→ delivered versions:
- 151 049	green, designated museum loco, state until 2008
- 151 081	RBH, traffic red
- 151 084	Railion, traffic red
- 151 084	DB Cargo, traffic red
- 151 123	RBH, blue/silver

BR145/185

→ activation folder in scenario editor: **TrainTeamBerlin \ TTB_Traxx_KI**

→ set with 62 locos of the classes 145 and 185 with original sound

→ preselection of pantograph via DynamicNumbering

> - the loco number contains the code "px", where x is a figure between 0 and 4
>> p0 = all pantographs lowered
>> p1 = front pantograph raised
>> p2 = back pantograph raised
>> p3 = outer front pantograph raised (only locos with 4 pantographs)
>> p4 = outer back pantograph raised (only locos with 4 pantographs)

→ loco 145 031 has got a train destination display, selection via DynamicNumbering, too:
>> a - leer
>> b - Sonderzug
>> c - Bitte nicht Einsteigen
>> d - Moin moin

→ available locos:

TTB_145_008	DB AG, red, "Railion"
TTB_145_010	DB AG, red, "DB Cargo"
TTB_145_030	Press, blue
TTB_145_031	DB AG, red, with regio package (train destination display)
TTB_145_054	DB AG, red, without logos
TTB_145_059	DB AG, red, "Railion DB Logistics"
TTB_145_072	DB AG, red, big DB logo
TTB_145_CL001	Arcelor, pink/grey
TTB_145_CL003	Rail4Chem, green, with ITL logo
TTB_145_CL004	Rail4Chem, green
TTB_145_CL206	RBH 206, blue/grey
TTB_185_077	old loco chassis, DB AG, red, "Railion DB logistics", 2 pantos
TTB_185_125	old loco chassis, DB AG, red, big DB logos, 4 pantos
TTB_185_154	old loco chassis, DB AG, red, dirt, no logos, 2 pantos
TTB_185_155	old loco chassis, DB AG, red, no logos, crash buffers, 2 pantos
TTB_185_157	old loco chassis, DB AG, red, "Railion", dirt, crash buffers, 2 pantos
TTB_185_201	new loco chassis, DB AG, red, "Railion", 2 pantos

TTB_185_233	new loco chassis, DB AG, red, "Railion", 2 pantos
TTB_185_279	new loco chassis, DB AG, red, "Railion DB Logistics", 2 pantos
TTB_185_365	new loco chassis, DB AG, red, no sideways logo, 2 pantos
TTB_185_500	new loco chassis, Halycon, white, fictious, 4 pantos
TTB_185_507	new loco chassis, Captrain, white/lime-green, 2 pantos
TTB_185_515	old loco chassis, Connex, blue/yellow, no logos, 2 pantos
TTB_185_516	old loco chassis, Connex, blue/yellow, NOB+Connex-logo, 2 pantos
TTB_185_517	old loco chassis, Rail4Chem, green/grey, 4 pantos
TTB_185_542	old loco chassis, Rail4Chem, green/grey, "European Bulls", 4 pantos
TTB_185_543	old loco chassis, Rail4Chem, green/grey, "Transpetrol", 4 pantos
TTB_185_548	old loco chassis, ITL, grey, 2 pantos
TTB_185_554	old loco chassis, MRCE, black/white flap, "MRCE Dispolok", 4 pantos
TTB_185_555	old loco chassis, MRCE, black, "mgw Service", 4 pantos
TTB_185_556	old loco chassis, MRCE, black, 4 pantos
TTB_185_557	old loco chassis, MRCE, black/white flap, "MRCE Dispolok", 4 pantos
TTB_185_562	new loco chassis, ITL, grey, 2 pantos
TTB_185_573	new loco chassis, black, "Neubauer", 4 pantos
TTB_185_574	new loco chassis, black, "Neubauer", 4 pantos
TTB_185_575	new loco chassis, HGK, turquoise/grey, mini logo, 4 pantos
TTB_185_577	new loco chassis, tuquois/grey, no logos, 4 pantos
TTB_185_582	new loco chassis, HGK, red, no logos, 4 pantos
TTB_185_583	new loco chassis, HVLE, orange/silver, 2 pantos
TTB_185_584	new loco chassis, HGK, red, big logo, 4 pantos
TTB_185_650	new loco chassis, ITL, red/white, 2 pantos
TTB_185_661	new loco chassis, Lokomotion, white/blue, Zebra "Paul", 2 pantos
TTB_185_662	new loco chassis, Lokomotion, white/blue, Zebra, 2 pantos
TTB_185_663	new loco chassis, Lokomotion, white/blue, Zebra "Equus Quagga Bavaricus", 2 pantos
TTB_185_666	new loco chassis, Lokomotion, white/red, Zebra, 2 pantos
TTB_185_674	new loco chassis, Rurtalbahn, grey, 2 pantos
TTB_185_696	new loco chassis, TXLogistik, grey, 2 pantos
TTB_185_CL003	old loco chassis, Connex, blue/yellow, big logo, 2 pantos
TTB_185_CL004	old loco chassis, Rail4Chem, blue/grey, 2 pantos
TTB_185_CL005	old loco chassis, Hoyer Railserv, blue/grey, 2 pantos
TTB_185_CL006	old loco chassis, Rail4Chem, green/grey, 2 pantos
TTB_185_CL007	old loco chassis, Veolia Transport, red/white, 2 pantos
TTB_185_CL008	old loco chassis, blue/grey, no logos, 2 pantos
TTB_185_CL009	old loco chassis, blue/grey, RAG, 2 pantos
TTB_186_130	new loco chassis, DB AG, turquoise/grey, no logos, 4 pantos
TTB_481_002	old loco chassis, ITL, black/red, 2 pantos
TTB_481_005	old loco chassis, blue/red, no logos, 2 pantos
TTB_482_016	old loco chassis, SBB Cargo, blue/red, 4 pantos
TTB_482_046	new loco chassis, SBB Cargo, blue/red, 4 pantos
TTB_485_003	old loco chassis, BLS Cargo, grey/colored, "Die Alpinisten", 4 pantos
TTB_485_005	old loco chassis, BLS Cargo, grey/colored, "Connecting Europe", 4 pantos
TTB_486_501	new loco chassis, BLS Cargo, grey/colored, "Die Alpinisten", 4 pantos

BR218

→ activation folder in scenario editor: **TrainTeamBerlin \ TTB_M-A_KI-Verkehr**
→ 2 engines of the class 218
→ original sound
→ available paintings: 218 260:   traffic red
                                            218 157:   oriental red with white bib

BR218.8

→ activation folder in scenario editor: **TrainTeamBerlin \ TTB_M-A_KI-Verkehr**
→ 2 locos of the class 218.8 - modified class 218 as helper loco with Scharfenberg-coupling adaptor
          - can only be coupled with vehicles with compatible couplings (e.g. ICE-T)
          - usage as ICE tow loco
→ original sound
→ available locos: 218 838 und 218 839

BR420

→ activation folder in scenario editor: **TrainTeamBerlin \ TTB_M-A_KI-Verkehr**
→ trainset of the class BR420 of the Munich S-Bahn with original sound
→ predefined consists delivered
→ Train destination display can be chosen via DynamicNumbering
      - wagon number contains a letter that preselects a train destination
      - numbering scheme: 420-121-6-A (BR420 01)
                              421-121-5-A (BR420 02)
                              420-621-5-A (BR420 03)

      - available destinations:

A	S-Bahn München		X	S7 Höllriegelskreuth
B	S1 Freising		Y	S7 Höhenkirchen-Siegertsbrunn
C	S1 Ostbahnhof		Z	S7 Aying
D	S1 Flughafen München		a	S7 Kreuzstraße
E	S2 Petershausen		b	S8 Herrsching
F	S2 Dachau		c	S8 Weßling
G	S2 Erding		d	S8 Germering-Unterpfaffenhofen
H	S2 Markt Schwaben		e	S8 Ostbahnhof
I	S3 Holzkirchen		f	S8 Flughafen München
J	S3 Deisenhofen		g	S20 Pasing
K	S3 Maisach		h	S20 Deisenhofen
L	S3 Mammendorf		i	S27 Hauptbahnhof
M	S3 Pasing		j	S27 Deisenhofen
N	S4 Geltendorf		k	S4 Nannhofen
O	S4 Buchenau		l	S4 Mammendorf
P	S4 Grafrath		m	S4 Maisach
Q	S4 Grafing		n	S4 München Pasing
R	S4 Ebersberg		o	S4 Zorneding
S	S6 Tutzing		p	S5 Herrsching
T	S6 Starnberg		q	S5 München Pasing
U	S6 Ostbahnhof		r	S5 München Ostbahnhof
V	S6 Zorneding		s	S5 Deisenhofen
W	S7 Wolfratshausen		t	S5 Holzkirchen

BR423

→ activation folder in scenario editor: **TrainTeamBerlin \ TTB_M-A_KI-Verkehr**
→ trainset of the class BR423 of the Munich S-Bahn with original sound
→ predefined consists delivered
→ Train destination display can be chosen via DynamicNumbering

- wagon number contains a letter that preselects a train destination
- numbering scheme: 423-001-7-A (BR423 01)
                        433-001-5-A (BR423 02)
                        433-501-4-A (BR423 03)
                        423-501-6-A (BR423 04)

- available destinations:

A	S-Bahn München	X	S7 Höllriegelskreuth
B	S1 Freising	Y	S7 Höhenkirchen-Siegertsbrunn
C	S1 Ostbahnhof	Z	S7 Aying
D	S1 Flughafen München	a	S7 Kreuzstraße
E	S2 Petershausen	b	S8 Herrsching
F	S2 Dachau	c	S8 Weßling
G	S2 Erding	d	S8 Germering-Unterpfaffenhofen
H	S2 Markt Schwaben	e	S8 Ostbahnhof
I	S3 Holzkirchen	f	S8 Flughafen München
J	S3 Deisenhofen	g	S20 Pasing
K	S3 Maisach	h	S20 Deisenhofen
L	S3 Mammendorf	i	S27 Hauptbahnhof
M	S3 Pasing	j	S27 Deisenhofen
N	S4 Geltendorf	k	S4 Nannhofen
O	S4 Buchenau	l	S4 Mammendorf
P	S4 Grafrath	m	S4 Maisach
Q	S4 Grafing	n	S4 München Pasing
R	S4 Ebersberg	o	S4 Zorneding
S	S6 Tutzing	p	S5 Herrsching
T	S6 Starnberg	q	S5 München Pasing
U	S6 Ostbahnhof	r	S5 München Ostbahnhof
V	S6 Zorneding	s	S5 Deisenhofen
W	S7 Wolfratshausen	t	S5 Holzkirchen

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BR648

→ activation folder in scenario editor: **TrainTeamBerlin \ TTB_M-A_KI-Verkehr**
→ trainset Class 648 "Lint41" of the "Bayerischen Regiobahn" with DMU-Sound
→ predefined consists delivered
→ possible DMU-numbers:

BR648_Bp1	BR648_Bp2
VT210-648210-2B	VT210-648710-1B
VT211-648211-0B	VT211-648711-9B
VT212-648212-8B	VT212-648712-7B
VT213-648213-6B	VT213-648713-5B
VT214-648214-4B	VT214-648714-3B
VT215-648215-1B	VT215-648715-0B
VT216-648216-9B	VT216-648716-8B
VT217-648217-7B	VT217-648717-6B
VT218-648218-5B	VT218-648718-4B
VT219-648219-3B	VT219-648719-2B
VT220-648220-1B	VT220-648720-0B
VT221-648221-9B	VT221-648721-8B
VT222-648222-7B	VT222-648722-6B
VT223-648223-5B	VT223-648723-4B
VT224-648224-3B	VT224-648724-2B
VT225-648225-0B	VT225-648725-9B
VT226-648226-8B	VT226-648726-7B
VT227-648227-6B	VT227-648727-5B
VT228-648228-1B	VT228-648728-3B
VT229-648229-2B	VT229-648729-1B
VT230-648230-0B	VT230-648730-9B
VT231-648231-8B	VT231-648731-7B
VT232-648232-6B	VT232-648732-5B
VT233-648233-4B	VT233-648733-3B
VT234-648234-2B	VT234-648734-1B
VT235-648235-9B	VT235-648735-8B

→ Use the letter in the dynamic number for setting the train destination display:

A	Moin moin
B	Bayerische Regiobahn
C	Dienstfahrt
D	Augsburg Hbf.
E	Augsburg Oberhsn.
F	Friedberg
G	Aichach
H	Ingolstadt Hbf.
I	Mering
J	Geltendorf
K	Weilheim
L	Schongau

IC-Coaches including Munich-Nuremberg-Express

→ activation folder in scenario editor: **TrainTeamBerlin \ TTB_IC_KI**
→ eminent ressource friendly version of the abovementioned IC coach set with additional coaches including the Munich-Nuremberg-Express (MNE)
→ set with 44 express train coaches of different types and paintings
→ complex built original sound
→ random-offset-triggered opening and closing doors
→ available coaches:

Wagenbezeichnung	Beschreibung	Verfügbare Lackierung
ABvmsz184	MNE-Wagen 1.Klasse	(VR)
Aimz261	IR-Wagen 1. Kl.	(DB, IR, VR)
Apmz121	IC-Wagen 1.Kl.	(DB, IC, IC2)
ARkimbz266	IR-BordBistro	(DB, IR)
Avmz109	IC-Wagen 1.Kl.	(DB, IC, IC2)
Bimz264	IR-Wagen 2. Kl.	(DB, IR, VR)
Bimdz268	IR-Wagen 2. Kl., Fahrradabteil	(DB, IR, VR)
Bimdzf271	IR-Steuerwagen	(DB, IR, IC, IC2)
Bpmbdz295	MNE-Wagen 2.Kl., Fahrradabteil	(VR)
Bpmbdzf296	IC-Steuerwagen	(DB, IC2, VR-MNE)
Bpmbkz294	IC-Wagen, 2.Kl., SnackPoint	(DB, IC, IC2, VR)
Bpmbz295	IC-Wagen, 2.Kl., rollstuhlgerecht	(DB, IC, IC2)
Bpmdz293	IC-Wagen, 2.Kl., Fahrradabteil	(IC)
Bpmz294	IC-Wagen, 2.Kl.	(DB, IC, IC2)
Bpmz295	MNE-Wagen, 2. Klasse	(VR)
Bvmsz186	IC-Wagen, 2.Kl., druckdicht	(DB, IC, IC2)
WRmz134	IC-BordRestaurant	(DB, IC, IC2)

Description of paint schemes:
DB   ICE-Scheme, white + red stripe
IR   InterRegio-Scheme, blue/white
IC   InterCity-Scheme with contrast stripe
IC2   InterCity-Schema traffic red without contrast stripe
VR   traffic red with white stripe

→ Coaches with sideways passenger information display can be labelled via DynamicNumbering.
  - wagon number contains a letter that preselects a train destination
  - available destinations:

a - IC2355   Düsseldorf - Ostseebad Binz
b - IC2352   Stralsund - Erfurt
c - IC1996   Berlin-Südkreuz - Hamburg Altona
d - IC2005   Norddeich/Mole - Konstanz

→ The IR-Control car has got a nose cover. This can be opened or closed. You can choose the state via Dynamic Numbering, too. An "O" stands for opened (default state) and a "C" stands for "closed".

Güterwagen

→ activation folder in scenario editor: **TrainTeamBerlin \ TTB_GW_st**
→ wagon set with about 80 freight wagons, that were designed ressource friendly
→ original sound linked in different versions
→ automatically placed end-of-train signals
→ many predefined consists
→ 2 versions per wagon:

        "ST"-Wagon: static version without sound for sidings
        "KI"-Wagon: wagon with sound for moving traffic

→ available wagons:

Eanos-x052 - open bulk freight wagon (6x, per wagon one empty and coal load version)
      #1: DB, brown
      #2: DB-Cargo
      #3: DB-Cargo
      #4: Railion
      #5: DB, brown
      #6: DB, brown

Falns - bulk freight wagon (14x, per wagon one empty and coal load version)
      #1-5: DB, brown
      #6-8: PKP old, blue/yellow
      #9,10: PKP old, brown
      #11-14: PKP new, blue

Fas - side-dump wagon (4x, per wagon one empty and gravel load version)
      #1,2,4: DB-Cargo, red
      #3: Railion, red

Habbiins - 4 axle sliding wall wagon (2x)
      #1: new, silver bright
      #2: dirt, Transwaggon

Hbbins306 - 2 axle sliding wall wagon (7x)
      #1,2: DB, brown, dirt
      #3: Railion, new, bright
      #4: Transwaggon, clean
      #5: clean
      #6: dirt
      #7: Transwaggon, dirt

Res - 4 axle low board wagon (2x)
      #1 empty
      #2 loaded with long wood

Rmms662 - heavy duty wagon (4x)
     #1: DB, brown, empty
     #2: DB, brown, tank
     #3: DB, brown, cable drums
     #4: DB, brown, steel slabs
Sgns - container wagon (16x)
     #1: empty
     #2: 1x 40feet-Conatiner, red
     #3: 1x 40feet-Conatiner, white
     #4: 2x 30feet-Conatiner, green
     #5: 3x 20feet-Conatiner, grey-white-green
     #6: 3x 20feet-Conatiner, green-white-grey
     #7: 3x 20feet-Conatiner, green-blue-blue
     #8: 3x 20feet-Conatiner, grey-white-white
     #9: 3x 20feet-Conatiner, blue-white-white
     #10: 2x 20feet-Conatiner, green-white
     #11: 2x 20feet-Conatiner, blue-green
     #12: 1x 20feet-Conatiner, blue
     #13: 1x 20feet-Conatiner, white
     #14: 2x 20/40feet-Conatiner, red-blue
     #15: 2x 20/40feet-Conatiner, white-green
Zans - tank car (4x)
     #1 VTG, light grey
     #2 VTG, dark grey
     #3 GATX, dark grey, new
     #4 VTG, dark grey, new

Scenarios:

We want to introduce the delivered scenarios in following part of the manual. We will give the basic data of each scenario and additional hints that can be useful for a problem-free ride and to solve the activity.

There are two versions of some scenarios: The here mentioned standard version and a copy that don't make use of vehicles from the TrainTeamBerlin PlusPacks (see system requirements for more detail). Please note that because of technical reasons the mentioned player vehicle version and the station announcements can only be used when playing the PlusPack-version of a scenario.

TTB SP2 01: BRB38951 - Replacement tour

Vehicle: 143 589 traffic red
Difficulty: middle
Season / weather: Spring, showers
Time: 7:19
Duration: 0:45 hours

Description: We are going back to the year 2009: The "Bayerischen Regiobahn" (BRB) has to do some scheduled work on its Lint41-DMUs like revisions and inspections. So there is a lack of DMUs at the moment. For this reason one rents a trainset from DB Regio so that one DMU can be replaced on the piece of route to Mering. One can save one DMU-tour this way - that's the critical relaxation in the lack of DMU. The realization was simple: there are enough n-coaches and engines in Augsburg at the moment for compensating the missing Class 440 -EMUs. For passengers this means: Changing trains in Mering.
Take the special trainset in this fictive scenario and drive your red BRB-train that has its scheduled end in Mering. When shunting the trainset to the platform there were problems with the control car "Wittenberger Head". You should have a look at this while having break in Mering...
Your book schedule shows that the exit signal of Augsburg allows a maximum speed of 60km/h.

Augsburg Hbf	7:19 - 7:21
Augsburg Haunstetter Str.	7:24
Augsburg Hochzoll	7:27
Kissing	7:32
Mering St. Afra	7:35
Mering	7:38

TTB SP2 01b: BRB38952 - the return

Vehicle: 143 589 traffic red
Difficulty: middle
Season / weather: Spring/showers
Time: 8:07
Duration: 0:25 hours

Description: Now you have tried for best for nearly half an hour to reactivate the control car - without success. So you are contacting the dispatcher who tells you to move your engine to the other end of the train and pull the train to Augsburg.
When track 6 is free after BRB38741 will go on at 8.09, you will go via Turning point 1 -> track 6 -> turning point 2 to the other end of your wagons. Couple the control car. Shunting speed is 25km/h as usual. You will need the TAB key once on track 6. When the train is coupled, go as RB38952 to Augsburg.

Mering	*8:17*
Mering St. Afra	*8:20*
Kissing	*8:23*
Augsburg Hochzoll	*8:28*
Augsburg Haunstetter Str.	*8:31*
Augsburg Hbf.	*8:33*

TTB SP2 02: S 74612 - S-Bahn Replacement train

Vehicle: 143 589 traffic red
Difficulty: difficult
Season / weather: Autumn/showers
Time: 12:20
Duration: 0:45 hours

Description: Do you remember the Update-Scenario "What would be, if…" about a vehicle bottleneck of the S-Bahn Munich from the BR143-PlusPack? Let's continue this story. Most of the Class 423 EMUs are not available furthermore - so you will see a lot of the old Class420 EMUs and engine-driven trains. You take one of the loco-driven trains from Mammendorf to Munich main station today. This train with cab car isn't allowed to operate in the tunnel so your drive ends in Munich central station at platform 27. So you can't stop at the station Munich Hackerbrücke. Have a look at your instructions and pay attention to the dispatcher! Try to be in time despite you're driving a slower replacement train…

Mammendorf	*12:20-12:24*
Malching(Oberbay)	*12:27*
Maisach	*12:29-12:32*
Gernlinden	*12:35*
Esting	*12:37*
Olching	*12:39*
Gröbenzell	*12:42*
Lochhausen	*12:45*
Langwied	*12:47*
Pasing	*12:50-12:52*
Laim	*12:56*
Donnersbergerbrücke	*12:58*
München Hbf Gl27	*13:02*

TTB SP2 03: RB37032 - Pugface replacement traffic

Vehicle: 143 589, traffic red
Difficulty: middle
Season/weather: Summer / clear
Time: 14:59
Duration: 0:50 hours

Description: Let's make a journey back to 2009: It was planned to use the brand-new Class 440 EMUs on the "Fugger Express" route München-Augsburg-Ulm/Treuchtlingen since the timetable change in December 2008. The chraracteristic EMUs are named pugface in a more or less loving way because of their idiosyncratic front. But now, half a year later, these trains are not available in a high enough quantity. Thats why there are replacement services with locomotive-hauled trains.
You take the RB37032 to Donauwörth. This train is intrinsically hauled by a class 111 sandwich. But it seems that there is trouble with the replacement as well. So you just have one Class 143 today - you will have to compensate the reduced traction with your driving knowledge. Bring this train to Augsburg, where your passengers have to change in another replacement train.
Set up your engine and try to be in time!

München Hbf.	14:59-15:01
München Pasing	15:09
Mammendorf	15:23
Haspelmoor	15:27
Althegnenberg	15:30
Mering	15:35
Mering - St. Afra	15:38
Kissing	15:41
Augsburg Hochzoll	15:45
Augsburg Haunstetter Str.	15:48
Augsburg Hbf.	15:51

TTB SP2 04: RE4185 - Through the night

Vehicle: 143 589, traffic red
Difficulty: middle
Season/weather: Spring / clear
Time: 23:33
Duration: 0:55 hours

Description: Good evening, colleague! It's 23:33 now - the RE4185 from Ulm arrived shortly in time. You relieve your colleague from Augsburg and drive this last RegionalExpress of the day to Munich central station. This train is stopping at all stations. The class 440 EMUs have no homologation at all, you have to take an engine-driven replacement train. Your Class 143 engine has a maximum speed of 120km/h - so you won't be able to be in time according to the original timetable - so one adjusted it to your consist. Nevertheless it won't be easy to arrive in Munich in time - so don't dawdle! The only time reserves are between Mering and Haspelmoor.

Working timetable:

Augsburg Hbf	*23:33 - 23:39*
A-Haunstetterstraße	*23:42 - 23:42*
A-Hochzoll	*23:45 - 23:45*
Kissing	*23:49 - 23:50*
Mering-St.Afra	*23:53 - 23:53*
Mering	*23:55 - 23:56*
Althegnenberg	*00:01 - 00:01*
Haspelmoor	*00:04 - 00:04*
Mammendorf	*00:08 - 00:09*
Münche-Pasing	*00:22 - 00:22*
München Hbf	*00:28*

TTB SP2 05: IC1981 - InterCity to Munich

Vehicle: 101 016, traffic red
Difficulty: simple
Season/weather: Summer / cloudy
Time: 19:29
Duration: 0:35 hours

Description: It's friday the 21st of June in 2013: The InterCity 1981 just arrived in time in Augsburg central station. You take it on its last route section to Munich central station. It's a wonderful summer evening. There are just some clouds at the sky but the weather service announced that it will stay dry. So it should be a nice tour without problems.
Hint: The timetable (real time schedule from 2009) is really noble-buffered. If you don't dwdle at your way, you can let the train roll from Olching - "DB energy" will be pleased ;-)

Augsburg Hbf	*19:29 -19:31*
München-Pasing	*19:53*
München Hauptbahnhof	*20:02*

TTB SP2 06: IC2294 - InterCity to Augsburg

Vehicle: 101 070, "Adler Mannheim"
Difficulty: difficult
Season/weather: Autumn/heavy rain
Time: 05:36
Duration: 0:40 hours

Description: It's Tuesday the 29th of October 2013 - it has rained all the night. At the moment there are just some drops falling down but the weather service announced heavy rain for the morning. Your IC2294 to Frankfurt was prepared in time. So you take this train to Augsburg.
Attention! Because of errors in the signalling system there will be unplanned stops. You will get a written order in Augsburg for passing a red shunting signal.

München Hbf	*05:39*
München-Pasing	*05:46 - 05:47*
Augsburg Hbf	*06:10 - 06:12*

TTB SP2 07: IC2260 - Winter chaos

Vehicle: 101 047 "Feuerwehr"
Difficulty: difficult
Season/Weather: Winter / snow
Time: 12:58
Duration: 0:50 hours

Description: It's thursday, the 8th of December 2009, 12:58: the "disaster powder" is fallen down in Munich and around the city. This winter start came absolutely surprisingly - like every year. Frozen switches and cancelled trains are on the agenda now. Your train got a defect while preparing the consist and bringing it to the platform: the cab car doesn't work - one says that some snow has destroyed parts of the control allegedly.You noticed the problem fastly and drove your engine to the other end of the train so that your delay is just 20 minutes.
Your train is the IC2260 to Karlsruhe. A colleague of yours will take the train in Augsburg. Your scheduled departure was 12:41. It's snowing all the time - so the brake ways can be unexpected long for your 9-wagon-consist. Be prepared and use the sander. Drive foresightfully!

München central station	*ab 12:41*
München-Pasing	*12:47 - 12:49*
Augsburg central station	*13:19 - 13:21*

TTB SP2 08: FR56524 - Local freight train to Weilheim

Vehicle: BR294 traffic red
Difficulty: difficult
Season/Weather: Winter / clear
Time: 13:07
Duration: 0:50 hours

Description: You are at the ring station ("Ringbahnhof") in Augsburg and you just had your break for lunch. The shunting work to prepare the freight train 56524 is nearly done. Just one wagon group has to be collected from track 9. The you will go via the Ammersee route to Weilheim.
Start the motor and wait for the arriving freight train. When the shunting signal in front of you is free, go via Turning point 1 (WP 1), track 5 and WP 6 to track 9 and couple the three 2-axle wagons. Go back via WP3 to track 6 for coupling the three wagons to your trainset. Then go via WP8 - track 5 - WP 1 to the front end of your wagons and couple them. You will have to do the full brake test. There are dynamic videos of the signals Zp6 ("Apply brake"), Zp7 ("Release brake") und Zp8 ("Brake works well"). When the brake test is done by showing you the signal Zp8, you are allowed to drive your FR56524 to Augsburg Hbf. to track 16. You will have to shunt again and bring your engine to the other end of the train. A shunting helper is already there. Stop at his position and follow his instructions. Scheduled departure here at Ringbahnhof is 13:24, try to be in time! The exit signal of Augsburg Haunstetter Str. has to be triggered with TAB.
Uncouple your train at Augsburg Hbf. Then shunt via WP 4 - Augsburg 17 - WP 5 to the other end of the train. When it's coupled, the shunting helper will make a simple brake test. Follow his instructions! When the test is don successfully, you drive your train to Weilheim. There will be a train crossing with BRB38752 in Mering. Scheduled departure in Augsburg is 13:38.
It's necessary to use TAB and switch manual junctions several times. So be careful and always pay attention to the instructions. Control your driveway! Maximum speed is 25km/h when shunting and 80km/h as freight train FR56524.

Augsburg Ringbahnhof	*13:24*
Augsburg Haunstetter Str.	*13:29*
Augsburg Hbf	*13:31 - 13:38*
Augsburg Haunstetter Str.	*13:41*
Augsburg Hochzoll	*13:44*
Kissing	*13:48*
Mering St. Afra	*13:50*
Mering	*13:52 - 13:53*

***Attention:** It's abit dodgy to follow the instructions in the right way so that the train simulator accepts them. Especcially when coupling the wagon group from track 6 to the trainset on track 9 Railworks expects you to wait a moment on the track. Please wait there and control the completion of your task in the F1-monitor.*

TTB SP2 09: CS 80900 - block train to Augsburg

Vehicle: 151 084 traffic red DB Cargo + 151 049 green
Difficulty: middle
Season/Weather: Summer, cloudy
Time: 14:00
Duration: 1:00 hours

Description: It's the 20th of August 2009, the hottest day of the year so far. It's a brooding heat with 35° Celsius in the shadows. Your class 151 engine has no air conditioner… At the moment you are waiting for your departure in Munich Laim. Drive a double traction to Augsburg. The scheduled departure of your train CS80900 is 14:05. Set up both locos, there is enough time left. Raise the front Panto at the front loco (151 084, "Shift" + "P") and the rear Panto at your second loco (151 049, "P"). You can change between the locos with the key combination "Ctrl" and "+". Your route was organized shortly so it's possible that there are ovrtakings with higher prioritized trains. You will be informed by the dispatcher. Your maximum speed is 100km/h.

Pay attention to the bool timetable:

Laim Gbf	*14:00-14:05*
Pasing Gbf	*14:08*
Pasing Pbf	*14:10*
Lochhausen	*14:15-14:18*
Gröbenzell	*14:20*
Olching	*14:22*
Esting	*14:23*
Gerlinden	*14:24*
Maisach	*14:26*
Malching	*14:28*
Mammendorf	*14:29*
Haspelmoor	*14:34*
Althegnenberg	*14:35*
Mering	*14:39*
Mering St-Afra	*14:41*
Kissing	*14:44-14:48*
A-Hochzoll	*14:52*
A-Haunstetterstraße	*14:54*
Augsburg	*14:56*

TTB SP2 10: CS60952 to Munich

Vehicle: 151 084 traffic red DB Cargo
Difficulty: middle
Season/Weather: Autumn, cloudy
Time: 10:09
Duration: 1:15 hours

Description: Good morning! Today you have brought your first load of gravel from Nuremberg to Augsburg successfully. But there is no long break - your shift goes on. You have to bring a block train of Falns-hoppers to Munich North. So uncouple ypur train and go via turning point to track 14. Then you couple your new train and make a full brake test that will be guided by the shunter. Gon on to Munich, scheduled departure is 10:17. The dispatcher just sent you an adapted timetable: a RegionalExpress is late - so you will have two overtakings in Kissing and Mammendorf. Maximum speed is 25km/h when shunting and 80km/ when driving your train CS60952.
Because the route Olching-Munich North is blocked, you will be deflected to Munich Laim.

Augsburg Hbf		10:09-10:17
Augsburg Haunstetter Str.		10:20
Augsburg Hochzoll		10:23
Kissing		10:29-10:33
Mering St. Afra		10:37
Mering		10:38
Althegnenberg		10:43
Haspelmoor		10:45
Mammendorf		10:52-10:59
Maisach		11:05
Olching		11:10
München Pasing		11:18
München Laim Gbf	an	11:23

FAQ:

Question: There is a Railworks update via steam. What should I take care of?

Answer: Please note the hints in the PlusPack-manuals separately. Concerning this scenario package you have to pay attention to nothing because no file of the addon will be overwritten by Steam.

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Question: I bought the scenario package "Munich-Augsburg" but there are errors when starting a scenario.

Answer: Please pay attention to the hints in the manual, especially to the system requirements.

At first you need the route addon Munich-Augsburg in an actual version. You can download the update via Steam - in most cases it will be installed automatically.
If you use the PlusPacks you have to install the actual updates as mentioned in the manual. You will need the following versions:
→ BR101 PlusPack V1.2
→ BR143 PlusPack V1.2
→ BR151 PlusPack V1.1
→ BR294 PlusPack V1.1
→ respectively PlusPack Vol.1 V1.1

You can find more information concerning the updates here:
http://www.trainteamberlin.de/forum/index.php?showtopic=1409

Furthermore there will be a Hotfix for the addon if there are known problems. It will be included in a later update. More information in this topic:
http://www.trainteamberlin.de/forum/index.php?showforum=76

The following installation order is an approved method:
1. Route Munich-Augsburg
2. particular PlusPacks
3. according PlusPack-Updates
4. scenario package Munich-Augsburg
5. Hotfix/Update for scenario package Munich-Augsburg if available

Every time an error occurs - pleas be sure that you have installed the latest updates for ALL of your TrainTeamBerlin addons. By doing this many support questions can be avoided.

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Question: I want to download the PlusPack updates on myHalycon but I'm not able to orient myself - the page is just in German language.

Answer: At first you need a free account at the myHalcon platform - you can register here: http://www.halycon.de/?do=register

After activating the account and logging into the system, you are able to register the serial of each PlusPack and get the update download. Here are the links:

[BR101 PlusPack Serial Registration]
[BR101 PlusPack Download Update]

[BR143 PlusPack Serial Registration]
[BR143 PlusPack Download Update]

[BR151 PlusPack Serial Registration]
[BR151 PlusPack Download Update]

[BR294 PlusPack Serial Registration]
[BR294 PlusPack Download Update]

[PlusPack Vol.1 Serial Registration]
[PlusPack Vol.1 Download Update]

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Question: I want to buy the scenario package. Do I have to own the PlusPacks?

Answer: No. If neccessary, there are two versions of each scenario so that it can be played without owning the PlusPacks. Please note that the acoustic announcements will only work with using the PlusPacks.

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Question: Only some or no announcements are played while driving a scenario. I know that the announcements just work properly using the PlusPack versions of the scenarios.

Answer: It showed up that our sound system can have dropouts, especially using Windows 8. Problems like these should be fixed by installing the latest updates for the PlusPack addons.

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Question: I want to download an update for a PlusPack on myHalycon. But I don't find my registration key anymore.

Answer: At first we want to advise you of always backing up your installation files and registration keys. If you loose you key, it won't be a problem. Just open the installation program again and click through it until you are asked for the key. The key will appear automatically in this window if the addon is still installed. If the addon is no longer installed, you can contact the support via E-Mail.