# Flow of ITCS messages from ITCS to the Comm.S

ITCS

ItcsDataService

Comm.S

UnitManager

Center  
Online

ItcsClient

By realtime hysteresis

Handle realtime hystersis locally

No

Yes

ItcsManager

ItcsTextMapping Service

Map and split texts

By Units matching ITCS Filter

Add/Get mapped text

*Bhf SG*

Store/Update entry

Handle disruption

*LId: OTV120*

*LText: 120*

*Did: OTV20*

*D: Bhf SG*

*SDep: 14:30*

*EDep: 14:46*

*LId: OTV120*

*LText: 120*

*Did: OTV20*

*D: Bhf SG*

*SDep: 14:30*

*EDep: 14:46*

*HasDisruption: true*

*LId: OTV120*

*LText: 120*

*Did: OTV20*

*D: Bhf SG*

*SDep: 14:30*

*EDep: 14:46*

*HasDisruption: true*

*Bahnhof St.Gallen*

*LId: 120*

*LText: 120*

*Did: 20*

*D1: Bahnhof St.Gallen*

*D2: #disruption#*

*SDep: 14:30*

*EDep: 14:46*

*Unit: A:2.2.1*

*LId: 120*

*LText: 120*

*Did: 20*

*D1: Bahnhof St.Gallen*

*D2: #disruption#*

*SDep: 14:30*

*EDep: 14:46*

*Unit: A:2.5.1*

# Flow of ITCS text mapping and splitting

ItcsManager

ItcsTextMappingService

Center  
Online

*Bahnhof*

Split enabled & text contains ,

Yes

*St.Gallen*

Split

(St.Gallen,Center)

Get mapping

Get mapping

null

Add mapping

*St.Gallen*

*St.Gallen*

*Id: 17*

*T: St.Gallen*

Yes

*Id: 17*

*T: St.Gallen*

Null

*Bahnhof*

*Id: 8*

*T: Bahnhof*

*Id: 8*

*T: Bahnhof*

*TextToSplit*

*TextToSplit*

*Id: 9*

*T:FirstSplitText*

*Id: 10*

*T: SecondSplitText*

*Id: 9*

*T: FirstSplitText*

*Id: 10*

*T: SecondSplitText*

*Id: 17*

*T: St.Gallen*

Unit supports text type

No

Yes

Return null

No

No

*Id: 9*

*T:FirstSplitText*

*Id: 10*

*T: SecondSplitText*

*Id: 8*

*T: Bahnhof*