

# TWIN<sup>®</sup>

## TMX Webservice Interface

TWIN offers a unique interface for data exchange between the TMX master station and other systems such as GIS and CMMS. In doing so, TWIN meets the growing need for real time data sharing in several applications. TWIN is short for TMX Webservice Interface and provides open and secure linking options with a variety of other systems at Enterprise Service Bus level. The TWIN-API utilises a standard JSON format.

### Powerful data exchange through TWIN

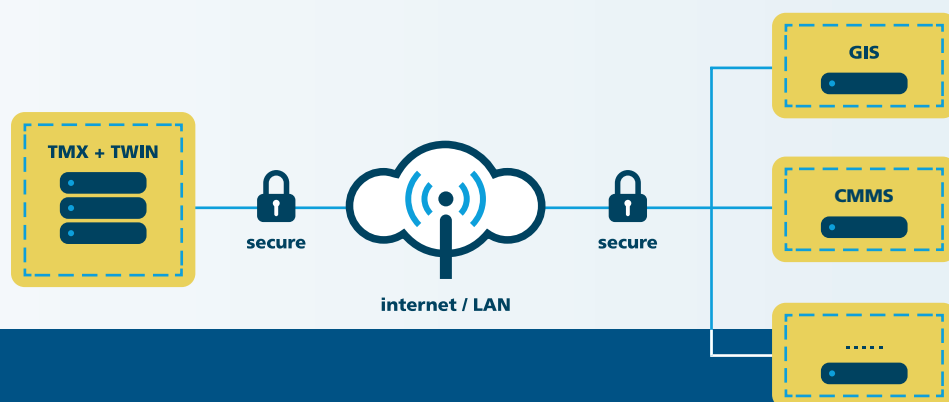
Exchanging data is becoming increasingly important, for example in the transfer of data to systems for maintenance management and geographical information (CMMS and GIS). TWIN uses standardised open web technology to link these systems in real time.

### Fully adjustable interface

All major functions have adjustable authorisation levels. The TMX application manager can configure the TWIN interface in such a way that only selected data is processed through the interface. This way of working prevents errors and increases system integrity.

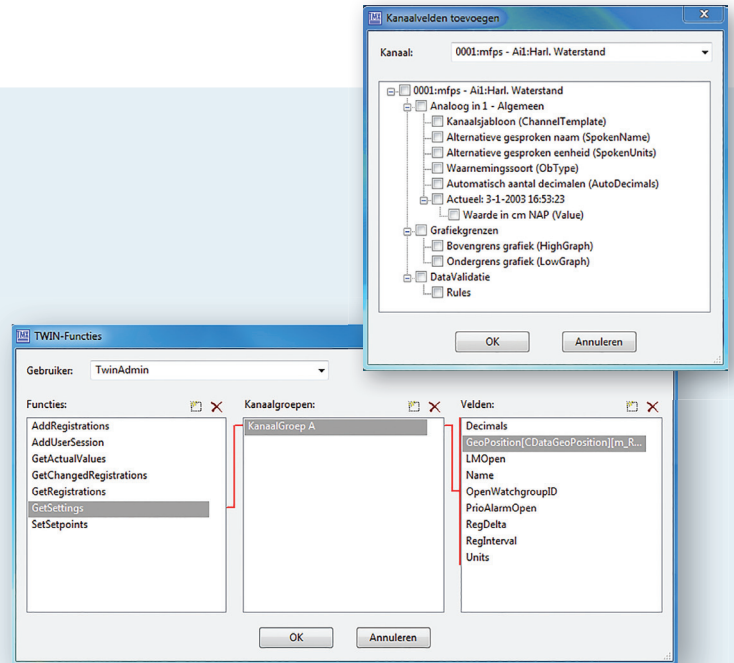
### Efficient, secure and open

TWIN utilises JSON as an open, SSL encrypted format. JSON is very efficient and as such guarantees quick and reliable data exchange. Both the internet and a LAN connection can be used to achieve an efficient and secure TWIN connection.



## The power of TWIN:

- ✓ Sharing data in real time
- ✓ Detailed interface adjustment
- ✓ Standard web technology to enable versatility
- ✓ Efficient, secure and open
- ✓ New data sources are added automatically
- ✓ Fully adjustable including authorisations



### Link 2.0: SPOC

In order to efficiently structure links, TMX offers an option for the users to define additional fields themselves. These fields can be used for memos or can, for example, contain technical information. Through TWIN, such additional fields ensure the information in the linked systems is unambiguous. SPOC (Single Point Of Configuration) provides powerful synchronisation options in which new data in TMX, such as a new location, is automatically transferred to a linked system.

### Templates for uniformity

The addition of templates for setting fields significantly enhances uniformity and allows for uniform and quick settings for substations. Through TWIN it also ensures uniform naming in linked systems.

### Extensive functionality

In addition to current values, TWIN can also be used to read out settings and time series, or to add time series (including forecasts) to TMX. Control setpoints for TMX can also be entered through TWIN. Whenever additional functionality is needed, the TWIN-API can be extended upon request. TWIN – in addition to the free fields and template functionality - is available as a separate module from TMX version 3.5 and in TMX-Net Pro (TMX through the internet).

Do you want to know more about the various TWIN options?  
Call us, or send an email to [sales@tmx.nl](mailto:sales@tmx.nl).



water



sewage



traffic



waste



logistics



agriculture



cooling



other

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