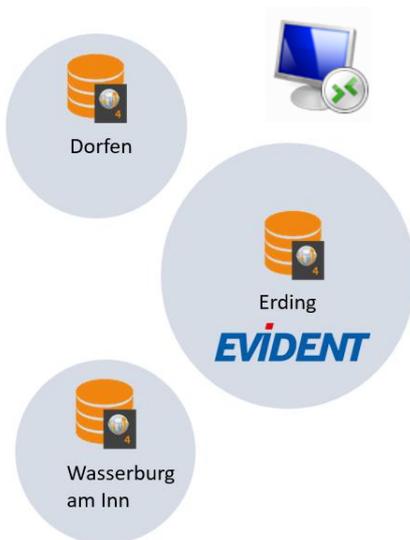


# RSWE Case Study

# SIDEXIS SYNC SERVICES

## SIDEXIS SYNC SERVICES Version 5 EVIDENT-integration in a distributed clinic network



### Current situation

Drs. Blechschmidt & Gruber operate a clinic network with 3 distributed locations. Sidexis 4 is used independently at all locations. An EVIDENT practice management software system (PMS) is operated at the central location in Erding. This PMS is accessed from the satellite locations in Dorfen and Wasserburg am Inn via Windows Remote Desktop (RDP). Both 2D and 3D DVT modalities are actively used at the locations.

SIDEXIS SYNC SERVICES have been used successfully for several years to synchronize Sidexis data between all locations. Initially only in a basic configuration with 2 locations and 2D X-ray modalities.

In 2018, an update to version 4 and an extension to include 3D DVT data synchronization took place. As part of this update, a 3rd practice location was appropriately licensed and integrated into the existing clinic network.

The typical use case for SIDEXIS SYNC SERVICES primarily consisted of the automatic synchronization of decentrally created Sidexis X-ray images (2D and 3D) between the practice locations at the central location in Erding.

**SIDEXIS SYNC SERVICES is an add on product for the  
Dentsply Sirona Sidexis Software**

**Additional information about RSWE add on products can be  
found at [www.sidexisplugins.com](http://www.sidexisplugins.com)**

Sidexis 4 is a Dentsply Sirona product.  
SIDEXIS SYNC SERVICES is a RSWE product  
EVIDENT is a product of Evident GmbH

**Customer**

**Blechschmidt & Gruber  
Gemeinschaftspraxis für Mund-,  
Kiefer- und Gesichtschirurgie  
Winterlestr. 3  
85435 Erding**

## Problems and requirements

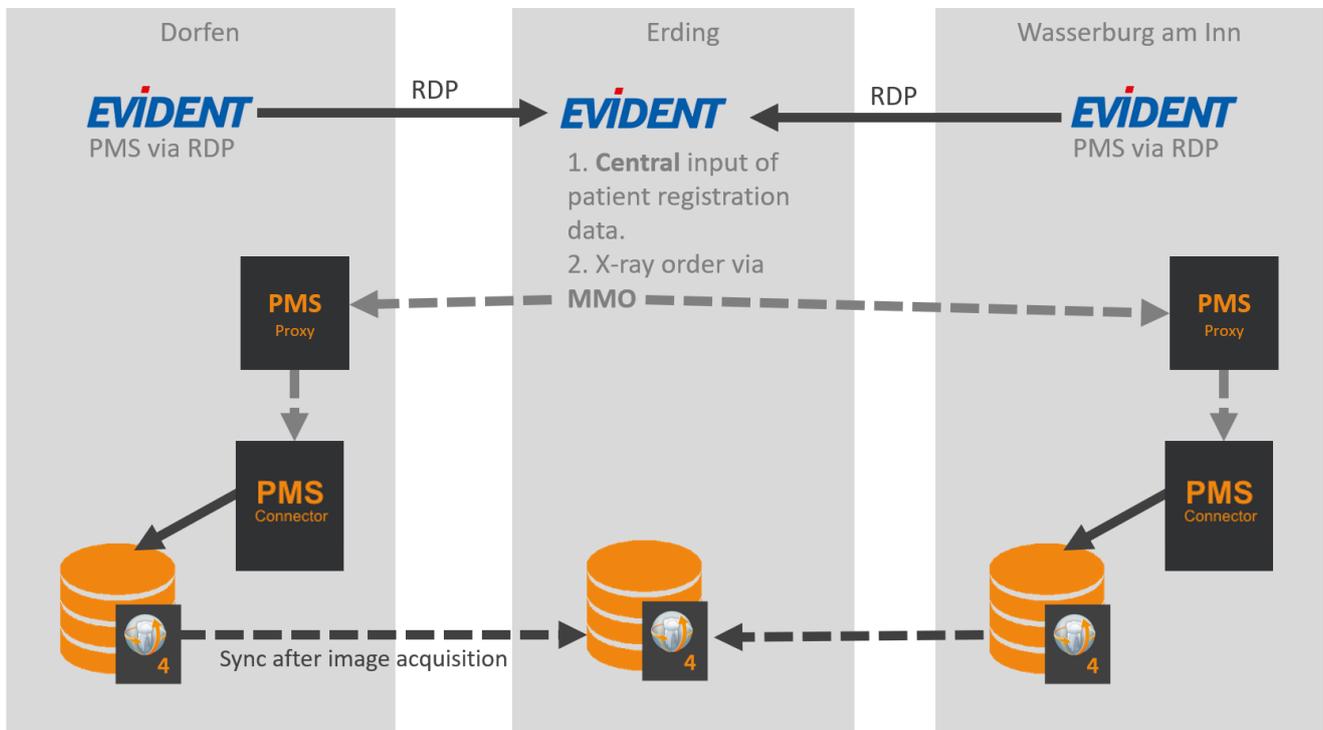
When an X-ray order was placed in one of the two secondary clinics, the patient registration data had to be manually “typed” into the Sidexis system there, as there is no bridge between the EVIDENT visible in the RDP window and the locally running Sidexis system. This has the following disadvantages:

- Patient registration data must be entered twice (in EVIDENT and in Sidexis).
- This results in additional work for employees.
- There is also a risk of typing patient data incorrectly.
- As a result, problems can arise when synchronizing Sidexis data to headquarters (Erding), including duplicate patients.

What was desired was better support for central patient registration in the leading EVIDENT PMS in the context of X-ray operations at the secondary locations in Dorfen and Wasserburg.

## Solution

EVIDENT allows software outside of the EVIDENT software to be provided with patient registration data of the patient selected in the PMS via the integrated MMO concept. The architecture used in MMO for data transfer was unsuitable for the existing PMS connector of SIDEXIS SYNC SERVICES.





To solve the problem, a new PMS proxy was introduced in SIDEXIS SYNC SERVICES V.5. This allows the reception of EVIDENT patient registration data via the MMO button. The data is prepared accordingly and transferred to the PMS connector of SIDEXIS SYNC SERVICES. After automatic Sidexis activation, the patient registration data is either newly created in Sidexis or the corresponding patient is selected. The X-ray order can then be carried out directly in Sidexis.

After acquisition, the corresponding Sidexis data is transferred fully automatically to the central location in Erding via SIDEXIS SYNC SERVICES and imported into the Sidexis there.

### Benefits

By using SIDEXIS SYNC SERVICES Version 5, the new customer requirement could be covered.



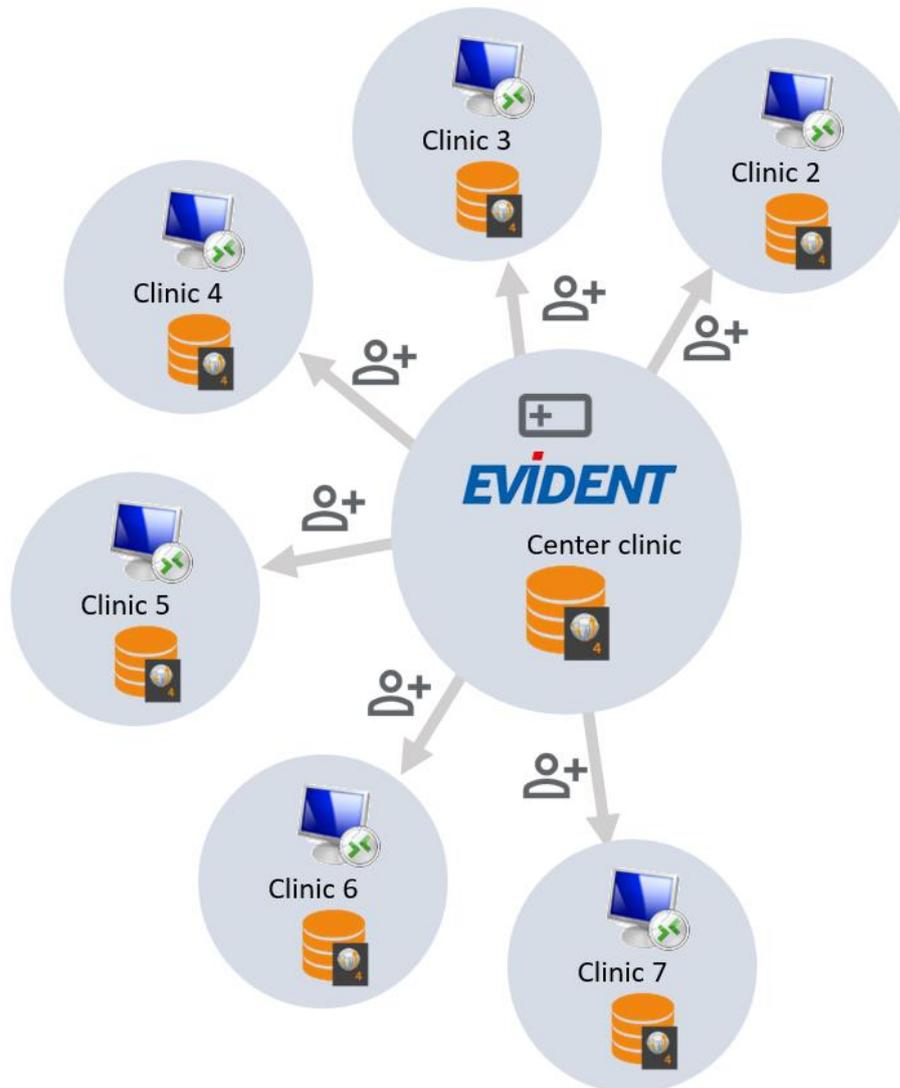
1. Patient registration data only needs to be entered or selected once in the leading EVIDENT PMS. No additional manual data entry is required in the Sidexis software at the secondary locations. The EVIDENT data is automatically imported into Sidexis and used for the initiated X-ray order.
2. This also ensures that the patient data transferred to Sidexis is exactly identical to the EVIDENT data. Falsifications, e.g. due to typos when re-entering, are excluded.
3. The use of the new PMS proxy also allows the central EVIDENT PMS to be operated in the Windows Remote Desktop context.
4. The new PMS proxy integrates seamlessly into the PMS connector of the SIDEXIS SYNC SERVICES. The corresponding SIDEXIS SYNC SERVICES software update from version 4 to the new version 5 is carried out simply by executing the corresponding setup. Existing location synchronization settings were completely adopted.

In addition, another decisive advantage could be achieved by appropriate configuration of the RDP sessions in connection with the EVIDENT MMO settings:



- Only a single MMO button needs to be configured to trigger the Sidexis X-ray order.
- This "finds" the PMS proxy responsible for the secondary location and thus automatically transmits the transferred patient registration data to the correct Sidexis in the secondary location.

- This configuration is independent of the number of secondary locations. Therefore, any number of locations can be connected to a central EVIDENT PMS using this pattern. No additional configuration is required in EVIDENT.



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