

## API communication

### Data write-back

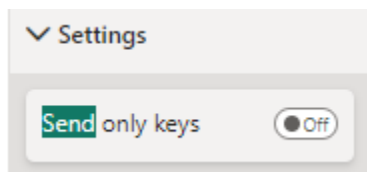
Only data that is changed and saved in the visual is sent to the accoPLANNING API. Only the delta value (int) is sent to the API.

When you change a cell and press save, a transaction line with the corresponding dimension set is sent to the API. All data are send though encryption-based Internet security protocol SSL (Secure Sockets Layer).

Data sent to the API is controlled by the following configuration:

- Columns
- Rows
- Values\*
- Filters
- Transaction keys\*
- Comments\*
- Lock cell\*
- User / Date-time\*

Option to **Send only keys** will limit the data sent to the API to those marked with \*. This gives an opportunity to limit the exposure even more and only allow transaction keys and no text to be sent. This can be a good alternative to a Self-Hosted API.



With a Self-Hosted API for on-premises or private endpoint environments, all data above will only be sent to the Self-Hosted API.

### Data Encryption

Data will be encrypted/decrypted respectively in the client-side visual and the API.

This will mean that all write-back data will be encrypted before being sent to the API. Encryption will be ensured using a private/public key pair, to ensure that only the API will be able to decrypt and read the data being transmitted.

Similarly, this approach will be used to handle password value in the visual configuration. This approach will ensure that only the API will be able to decrypt and read the configured value for the password.

Self-Hosted API option provides supports using customer provided private/public key pair.

### License validation and telemetry

When using accoPLANNING basic telemetry is collected, in the same way as known from all other software. This is done to help achieve our goal of continuously optimizing performance, user experience and stability in the product. This telemetry broadly covers accoPLANNING internal data, i.e., for purposes of analyzing users' general usage in the product. No data from the customer data model is sent to telemetry or during license validation.

For calls to accoPLANNING API, and basic telemetry in general, the following information is recorded:

- Current user (typically e-mail address)
- URL of the report page (i.e. "https://app.powerbi.com/groups/{guid}/reports/{guid}/....")

Both data points are partly used for support purposes, as this to some extent provides the means to debug for a specific user, and partly for aggregated analysis of accoPLANNING usage and general internal debugging, for scenarios where product related issues should arise.

License validation and telemetry is sent to and from the accoTOOL API, regardless of using Self-Hosted API or accoTOOL API.