

## A Kit Full of Useful Tools

PLOX offers you scores of valuable functions which you can use via a simple menu bar directly in Excel.

### Automatic Download

Data can be downloaded in Excel from a central data store at a mouse click. The sheet will be automatically filled with the required data.

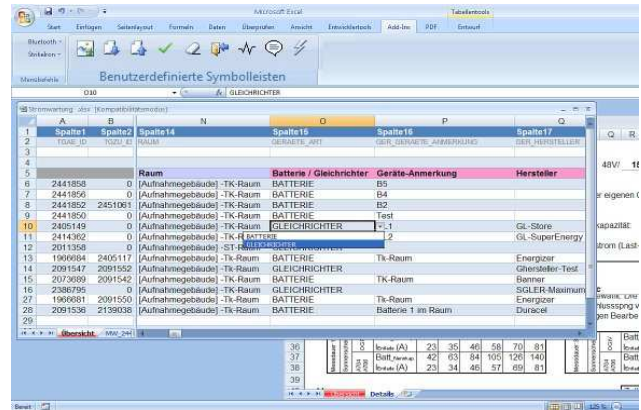
### Upload

Following revision of the marked changes the data can be reloaded directly into the data store using the upload function.

### Data Consolidation

As a Mashup Client Excel takes over the editing and consolidation of data from different applications (see figure).

You may link data from your databases with those of other systems, like for example SAP, to get valuable information. This information enables you to make well-founded management decisions.



### Validation

Validation is a key aspect of quality assurance. Most errors and security flaws are due to implausible input data.

For this reason any entries in Excel will be constantly checked against data store rules. You will be immediately alerted to any input errors in your spreadsheet calculation.

Validation is performed at several levels: both for any individual cell and for the whole line. This is how calculation will become less error-prone, while data quality is improved.

### Preventative Validation

Better to be safe than sorry. Lists of values, which are automatically transferred and filled by the server, are used to carry out ex ante validations. This will nip errors in the bud.

### Working Offline

Once data transfer is completed, users may work offline with the received data on their notebook. Data are stored locally and can be edited while users are en route. Back in their office, they just communicate any changes to a central data store.

### Automatic Master Detail Synchronisation of Tabs

The desired values are first marked in a worksheet. Once set to detail view, the sheet will only display the related values and/or cells.

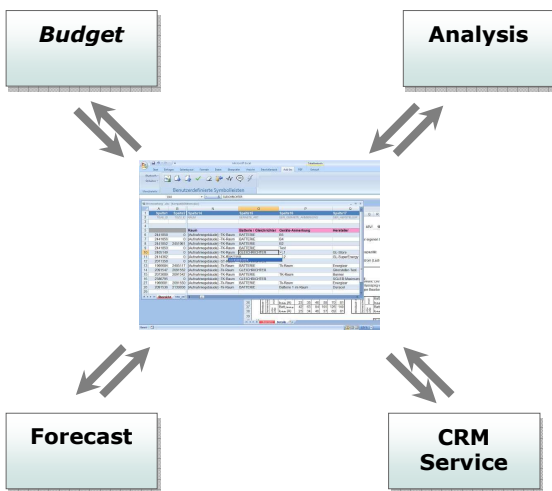


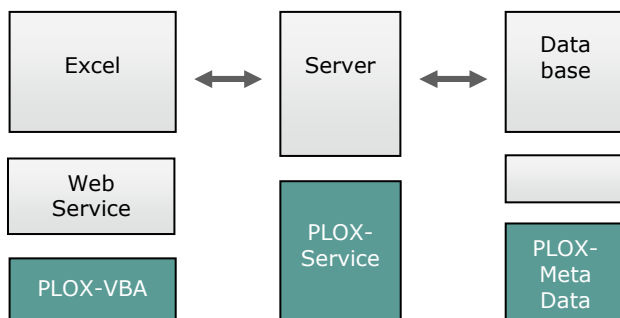
Figure: Example of use

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### Data Check

If a set of data is edited by several people simultaneously, this may result in a duplication of work and faulty overlaps. There will be no more of that!

PLOX, which is currently available for Microsoft Excel in conjunction with an Oracle database, will automatically compare the entered data with the data held in the central data store and highlight any changes in different colours. The visual display of changed data sets enables you to make rapid corrections.



**Figure: An overview of the architecture**

### Seeing Through

Managers will have a better overview of workflows. Key data and important information are made visible. This helps create more transparency, while also enhancing flexibility for users. The direct feedback option and superior user friendliness of PLOX will greatly facilitate work.

### Flexibility

Though connected to the data store, each user may add own columns to an excel sheet to make own calculations. They will be conserved even after the next refresh data action.

### Combination of Web Services

PLOX offers a platform to distribute, meter, track, report and measure internal as well as external web services. You have direct access to the various web services and can combine them easily.

### No Client Installation

Excel calculation sheets generated with the Data Access Service Framework do not need any client installation for connection to a central data store.

### Error Transparency

If your excel files are combined manually, as is often the case, errors are easily made. With the solution developed by IQSOFT any mistakes or errors will become transparent.

### Information Networks

Important data are made available to the database in a central pool and can therefore be retrieved by several people simultaneously. That is possible because of a standardized shared port.

In that way information can be used beyond company boundaries, for example from partners or customers with adequate access authorisation. New information networks are created.

### Multi-Client Solutions

Each organisational unit, institution or region may only view own data that are relevant to its business. Other clients' data will not be displayed.

### Scalability

Moreover, PLOX is well-scalable. This means that it can be easily adjusted to new performance requirements.

### Customised Service

In addition to the implementation IQSOFT offers all services needed. Which means that you are not, like it's the case with conventional products, confined to the standard case, but PLOX will be tailored to the individual requirements of your company. The adaptation is made according to the existing business rules and IT-architecture.

#### Technical Facts

- Based on JavaEE and web services and therefore SOA Ready
- High performance starting from Oracle 10g R2 databases
- Compatible with Excel 2003 and 2007