Monitor Progress Control
Construction Project / Customer Need

**Input**

- Design
- Requirements, Constraints etc.

**Leica Solution**

- Project status

**Output**

- Constructed object
- Documentation

- when it has to be right
Construction Project / Customer Need

Input
- Design
- Requirements, Constraints etc.
- Project status

Leica Solution
- Field equipment

Output
- Constructed object
- Documentation

- when it has to be right
Construction Project / Customer Need

Input
- Design
- Requirements, Constraints etc.
- Project status

Leica Solution
- Data prep
- Field equipment

Output
- Constructed object
- Documentation
- Project status
- Leica Solution
Construction Project / Customer Need

**Input**
- Design
- Requirements, Constraints etc.

**Leica Solution**
- Data prep
- Project mgmt tools
- Scheduling/Estim.
- Project status
- Sync
- Data Mgmt

**Output**
- Constructed object
- Documentation

**Field equipment**
- ConX
- Sync
- Data Mgmt

**Project mgmt tools**
- Scheduling/Estim.

**Data prep**
- Requirements, Constraints etc.

**Documentation**
- when it has to be right
Office SW
- Data import/export
- Data storage
- Network adjustments
- Coordinate systems
- Quantity surveying
- Data prep (generate 3D model)
- Quality checks
- Reports

Cloud “X”
- Data storage, models
- Localization file sharing
- Visualization
- Data transfer
- Show which models are used in field units
- Show what tasks are initiated
- Relate sets of reference data to sets of task performers and related assets (machines)

On Machine
- Start and monitor time on a task
- Work with a model
- Log as-builds
- Log meta data

Field
- Stake out
- Log as-builds
- GPS localizations
- Reports

Cloud “X”
- Data transfer, as-builds
- Data storage, as-builds
- Productivity analysis (machine specific)
  - Heat maps
  - Progress info
  - 3rd party integration
- Quality control
  - Heat maps
  - Reports
  - 3rd party integrations
Sharing information (IoT)
Monitor Progress Control