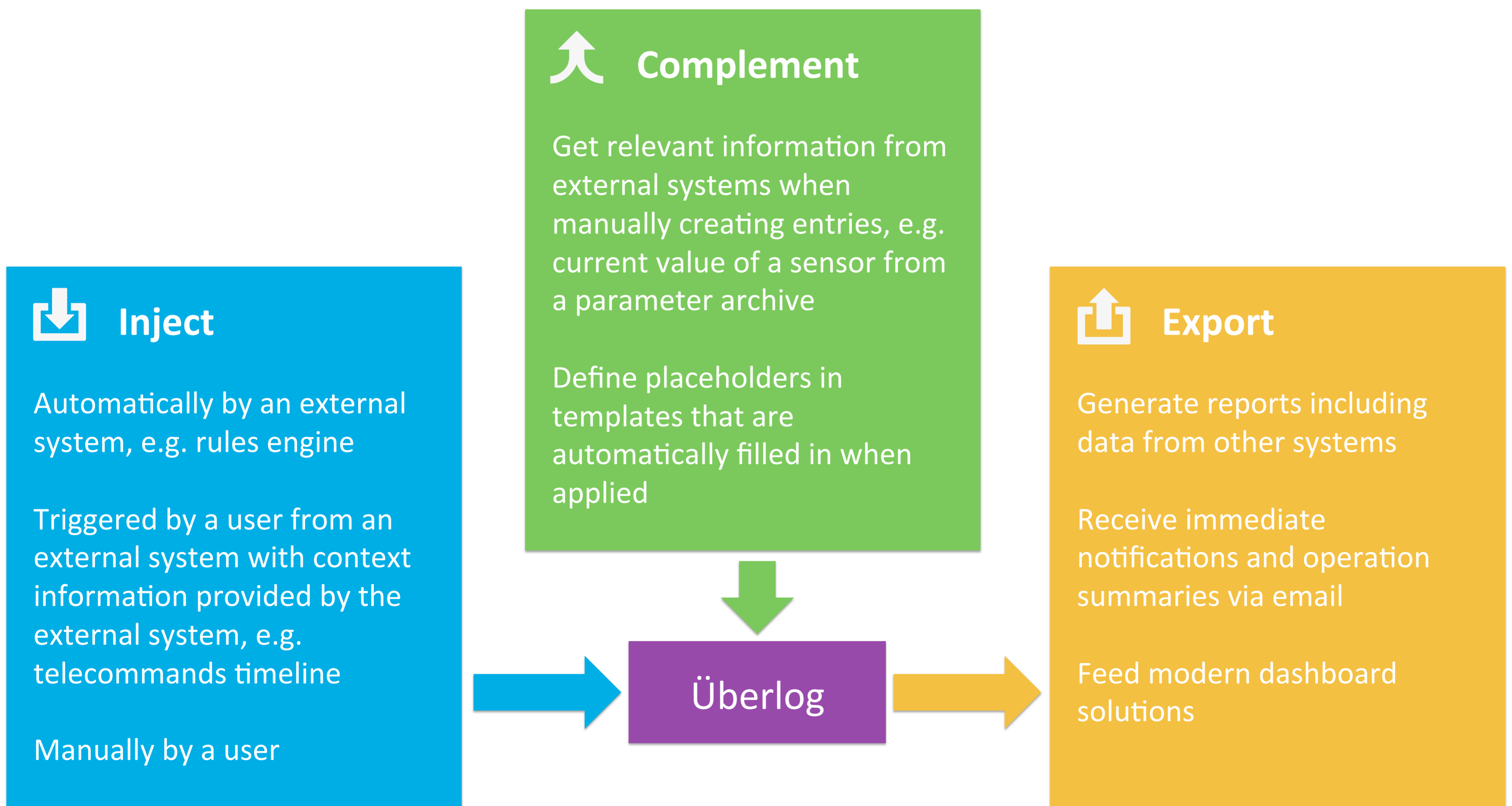# Überlog

Electronic Logbooks and Automation

Do your data systems contain information relevant to your logbooks? Use it!

A large part of the records in logbooks are from **recurring activities or information already available in other systems**. Entering these repetitive entries or typing information from one system to another is **error-prone and not efficient**. Electronic logbooks open the door to new possibilities in terms of **integration and automation**, which increases the accuracy and completeness of the logbooks ultimately allowing for **better monitoring and analysis**.

Three Aspects of Automation

Complement

Get relevant information from external systems when manually creating entries, e.g. current value of a sensor from a parameter archive

Define placeholders in templates that are automatically filled in when applied

Inject

Automatically by an external system, e.g. rules engine

Triggered by a user from an external system with context information provided by the external system, e.g. telecommands timeline

Manually by a user

Überlog

Export

Generate reports including data from other systems

Receive immediate notifications and operation summaries via email

Feed modern dashboard solutions

Overview of Überlog

Überlog is the web-based logbook solution developed by Solenix. It has been built with the concepts depicted in this poster and the space industry in mind. Based on a first experience with electronic logging systems for ESA and using highly valuable feedback from over 2 years of existence, Überlog offers a smooth and fast logging experience to critical and daily activities. Its service-oriented and modular design makes it versatile and well-fitting into existing infrastructure.

| Web-based | Tablets | Notifications | Feeds | Web Services | Java EE | LDAP | NoSQL |