ZUGSEIL CIRA

Our **CIRA** product delivers the foundation for entering the **Circular Economy**.

Why Cira?

Existing systems lead to undesirable dependencies from service providers, which tell you to "help taking care of your product data" - but in reality they are creating customer binding for themselves and dependencies, ultimately resulting in higher spendings on your side. With b-op enabling cross company lifecycle management, this unhealthy dependency can be resolved as the lifecycle data is automatically handed centralized at owner of the products. All partners can be integrated without any interfaces to be written or designed as long as all partners work with their own b-op digital. It is a unique selling preposition of ZUGSEIL to offer the first life-cycle management solution based on b-op.

CIRA's USP is to built based on b-op. It is the first state-of-the-art IT systems which allows cross company lifecycle management, which allows the collaborative management of entities of multiple companies. So data ownership and control stays where it should be - at the owners.

See this real world example, how CIRA can help to overcome limitations of an entire industry.

Asset Tracking

Asset tracking refers to the process of identifying and tracking physical assets over its entire lifecycle history from first contact to decomissioning. If can be used for materials & assets such as equipment, vehicles, and inventory, using a combination of technologies such as barcodes, RFID (Radio Frequency Identification), GPS (Global Positioning System), and software. The intention of asset tracking is to monitor the movement and usage of assets, as well as to keep track of their location, status, and maintenance history. Asset tracking provides organizations with real-time information about their assets, which can help them make informed decisions about how to manage and allocate their resources. It can also help to improve operational efficiency and reduce the risk of loss or theft.

The information gathered through asset tracking can also be used for accounting purposes, as well as for compliance with regulations and industry standards like personal equipment management. Overall, our asset tracking functionality is a valuable tool for organizations that need to manage and maintain large numbers of physical assets, as it helps to ensure that these assets are used effectively and efficiently, and that they are properly accounted for and maintained over time.

Usage scenarios

Asset tracking is typically used for a wide range of equipment, from office equipment like computers, printers, and copiers to heavy machinery like cranes, forklifts, and excavators. Effective equipment management can improve productivity, reduce downtime, and minimize the risk of workplace accidents. Typical usage scenarios are:

- Management of personal protective equipment
- Management of workplace equipment

- Managment of project based equipment
- As full servicing, fulfillment & maintenance product instance tracking or asset tracking

Core functionality

- **Integration with procurement & Initial assignment -** Combine procurement of assets with initial assignment to objects (workplaces, staff members, projects, ...). This digitalizes and integrates the handover from procurement to operations, saving time and preventing data loss. In an ideal scenariono information is taken lost from production to operation of the asset.
- **General Tracking & Resource planning** - Assets can be tracked over their entire lifecycle and even across company borders (shared projects, lending out, maintenance outsourcing, ...). Assets can be reassigned and can be used in resource planning.
- **Equipment Training** - Organize trainings for assets, if attached to staff members directly or indirectly through (e.g. workplaces or projects)
- **Equipment Maintenance** - Regular maintenance is crucial to keep equipment in good working order. This can include routine inspections/checks, cleaning, and repairs. Keeping track of maintenance schedules and documenting any repairs or maintenance performed can also help identify patterns or issues that may require more significant repairs or replacement.
- **Equipment documentation** - Keeping accurate and up-to-date records of equipment, including maintenance history, operating instructions, and safety guidelines, can be helpful in ensuring that equipment is used safely and effectively.
- **Equipment Replacement** - When equipment is beyond repair or reaches the end of its lifespan, it's essential to replace it in a timely manner to minimize downtime and ensure continued safe operation.

Reasons for LCM

- Helps to make informed decisions about how to manage and allocate their resources
- Ensuring operational readiness of critical items (security checks)
- Improve operational efficiency and reduce the risk of loss or theft
- Ensure best possible protection of staff members with tracking of personal equipment
- Ecological footprint (Reuse scenarios of goods)

In general, **CIRA** is valuable for organizations that need to manage and maintain large numbers of physical assets. It helps to ensure that these assets are used effectively and efficiently, and that they are properly accounted for and maintained over time. Our asset tracking can be used in a variety of industries, including manufacturing, logistics, healthcare, and retail, among others.

Integrates with

- ZUGSEIL ACCELERATE - determine directly throughout the shopping process the first station of the lifecycle. This can save a lot of time and effort that procurement and assignment can be done in one step.
- ZUGSEIL TILA - this module is used when employees do not self-manage their equipment through the shop, but rather go to service stations which act as **equipment service points**.

See also

- Personal Equipment Management
- ZUGSEIL bases on B-Op
- ZUGSEIL Shop
- ZUGSEIL Service Scheduling (SRS)