

TRANSFORM EXPERIENCE.
TRANSFORM BUSINESS.

Global Scrap Log on
Blockchain



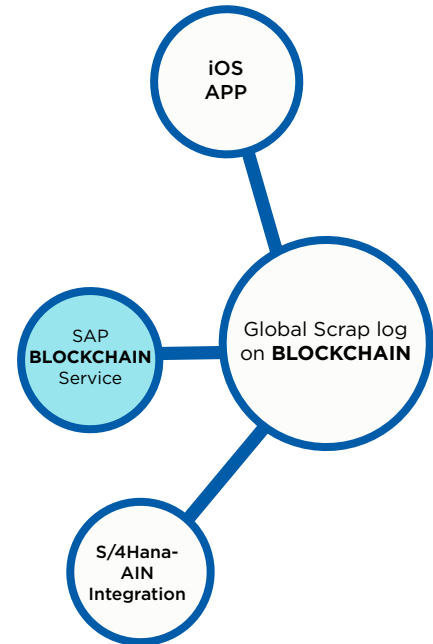
SOLUTION OVERVIEW



This solution is currently a technology demonstrator with three main components that enables the respective functionalities:

Global Scrap log iOS app.

- Retrieve scrapped parts from customer's S/4Hana system and automatic synchronization of the scrapped part information to a SAP Blockchain based global scrap log.
- Add a part to the global scrap log and mark it as scrapped
- View the location of the scrapped parts on a map.
- View history of the scrapped parts



SOLUTION OVERVIEW



▶ SAP Blockchain Service on Cloud Foundry

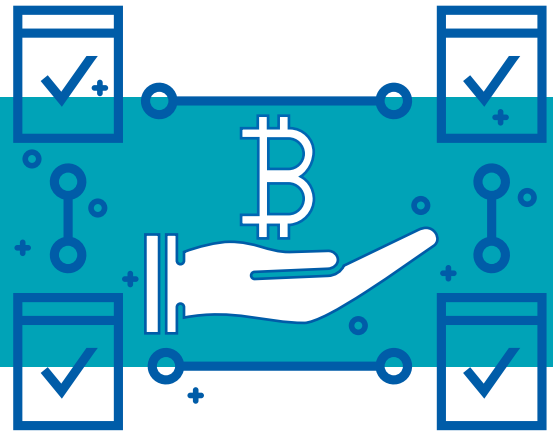
- Maintains the global log of scrapped parts.
- Stores information about scrapped parts like Part Number, Serial Number, Scrapping Entity and Scrapping date and time etc.

▶ Standard Integration between S/4Hana and SAP AIN Web Application

- Scrapped part information is synchronized from S/4Hana to the asset intelligence network for a wider reach.

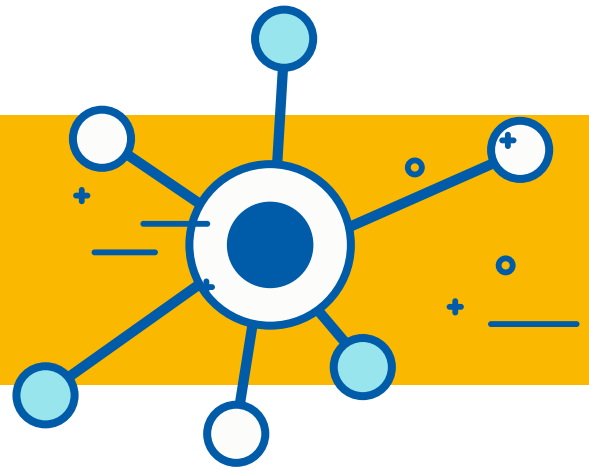


BENEFITS



- ▶ De-centralized and synchronized view of scrapped parts brings all participants of the business process together on a common platform.
- ▶ Provides up-to-date information about the scrapped parts thus preventing any confusions that leads to re-work at times.
- ▶ The information about scrapped parts cannot be tempered with hence making this functionality fully secure.
- ▶ Provides full audit trail of different transactions related to scrapped parts.
- ▶ iOS app enables mobility and provides all information on finger tips of the users.

TECHNOLOGIES USED



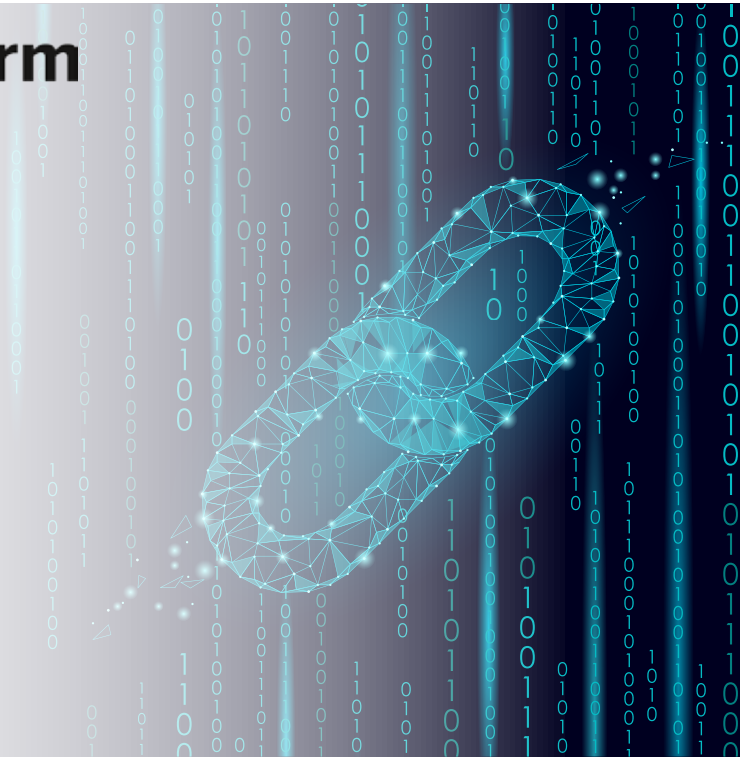
▶ **SAP Cloud Platform**

▶ **iOS**

▶ **node JS**

▶ **S/4 HANA**

▶ **AIN interface**



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