

App for registration of data measurements in the industry



Apps are a common tool today, but not so common in factories. CGI develops smart apps for the industry, as a useful tool.


Collect data with an app

With the registration app developed by CGI you are able to use your smartphone and / or tablet (both iOS and Android) for smart applications, as a useful tool in the factory and plant environment.

Throughout the industry all sorts of measuring instruments used, are not (yet) linked to a system or network. For example, measurements of gas and / or electricity consumption are particularly valuable in the context of sustainability. The registration app CGI developed, enables easy registration of measurement data on location and then process the registered information in reports for optimization of production.

Scan data? How does that work?

Factory staff can easily capture and view data with the app, on location and for any type of measuring instrument::

- Every point of measurement has a unique QR-code () or barcode, visible on the respective measurement device.
- The app reads the code of the measuring point and automatically displays the data of the measuring point.
- The latest measurement can then be registered, controlled and synchronized.

The responsible manager can configure measurements points to be included in the registrations. Data on the smartphone or tablet is kept in sync with a central database, linked to the network.

What are the main benefits?

In addition to overall ease of use, the app completely eliminate use of paper. Any duplication of work (writing and or typing) is avoided. There is a check to see whether a new measurement value has already been entered and falls within set limits. This also prevents potential read and write errors. If the connection to the company network is temporarily lost, the app will keep the data. As soon as the connection is (automatically) restored, this data will be synchronized.



““This app offers great insights into energy consumption. This way we can see where there is still room for savings and where the energy flows are going. ”

Antonie Dijkgraaf - Coördinator techniek - Navobi B.V.



Integration offers even more

By combining the deployment and use of the basic features of this app with existing business information and functions, there are many more possibilities including:

- **Monitoring** of the factory on location could be displayed more immediately (in text form). This includes topics such as current and historical data and current parameters of the factory part with the option to zoom in on production parts and specific assets.
- Making measured values visible in line with the relevant **KPIs** from production and plant environment. Think of KPIs in the field of energy and / or water consumption (tap, ground and waste water) and the utilization rate of the factory, trucks and / or production percentage (per day / month / year).
- Visualizing data from **silos** for on-site monitoring including (per silo) the product name; product type (liquid, solid, granules, ...) or the product status (raw material, semi-finished product, finished product), the relevant batch or lot number and the quantity and filling level or shelf life (end date, best before).
- Display of **warehouse** data for on-site inspection including stock (raw materials, semi-finished product, finished and / or sold product), bags, pallets, big bags and / or containers (provided with barcode), batches and storage for third parties.

We will help you, quickly

This is just one example of what value an app and use of mobile applications in the industry can bring you, optimizing your operations. If you are interested, in this particular app or another idea for a mobile application, we are ready to help you.

About CGI in Manufacturing

With our Manufacturing Center of Excellence (CoE) we work on realizing sustainable manufacturing services. CGI enables companies in the industry and worldwide to translate their ambitions into concrete objectives for production and results for business operations and customers. Under the motto “produce smarter”, the CoE focuses on the digital transformation in Manufacturing.

We bring IT modernization and innovative manufacturing solutions aimed at sustainability and business growth. At the same time, we help clients to use information- and operational technology securely and thus make them more resilient against cyber threats.

We prefer to help our clients realize the necessary improvements from start to finish. We have been working for large international companies in chemicals, life sciences and food & feed for more than 40 years. Our MES / SCADA and PLC experts work with our own modular TH3000 system, but also with Camstar, Aveva Wonderware, OSIsoft, AspenTech and Progress, for example.

About CGI

Founded in 1976, CGI is among the largest IT and business consulting services firms in the world. Operating in hundreds of locations across the globe, CGI delivers end-to-end services and solutions, including strategic IT and business consulting, systems integration, intellectual property, and managed IT and business process services.

For more information

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