

1. Overview

We are thrilled to present a detailed development proposal aimed at creating a private dashboard that will fundamentally enhance Daikibo’s factory operations. This sophisticated dashboard will offer real-time insights into the health status of machines spread across Daikibo’s four distinct factories.

Deloitte is most famous for being one of the “big four” accounting companies, we provide audit & assurance,

consulting, risk and financial advisory, risk management, tax, and related services to our clients. Building robust

software solutions is one of the services that we offer. Our team of experts in the software development field has

helped hundreds of Deloitte’s clients on thousands of projects.

Accessible exclusively within the secure confines of the client’s Intranet, the dashboard will guarantee utmost data confidentiality and security. By seamlessly integrating Daikibo’s internal authentication server, users will be able to access the dashboard using their pre-existing company-wide accounts, ensuring a seamless and secure experience.

Please, find enclosed in this document our Software Development Proposal for Daikibo’s Real-time Telemetry

Dashboard .

2. Scope

The scope of this project entails the creation of a comprehensive private dashboard featuring the following capabilities:

* A private dashboard with health status of the 9 telemetry-enabled machines in each of Daikibo's 4 factories.
* Access to the page happens only within client's Intranet.
* Authentication is synced to internal authentication server (i.e users don't need to create an account).
* The dashboard consists of a single page, listing the current statuses of all monitored devices.
* The view is collapsible/expandable at a factory level, as well as device level (showing history of statuses)

To gain a comprehensive visual understanding of the proposed dashboard’s layout, the functionalities of its collapsible/expandable sections, and the visualization of historical data, please refer to the attached graphical representations.



3. Estimate

Development: 220 man-hours

Factory Monitoring Implementation: 40 hours

Machine Categories Integration: 60 hours

Health Status Display: 60 hours

Single-Page Overview Design: 60 hours

Testing: 80 man-hours

Integration: 40 man-hours

Total Estimate: 340 man-hours

We are going to form an internal team of 3 software engineers and 1 graphic designer.

**NB:** We will require the help of at least 1 IT engineer from Daikibo to hand off the finished product and help us with

access to authentication and telemetry databases/servers.

4. Timeline

1. [1st of September 2021] **Design starts**
2. [15th of September 2021] **Factory Monitoring Implementation**
3. [10th of October 2021] **Machine Categories Integration**
4. [5th of November 2021] **Health Status Display**
5. [20th of November 2021] **Single-Page Overview Design**
6. [10th of November 2021] **Testing Phase**
7. [30th of December 2021] **Integration with Client’s Intranet**

5. Support

Following the successful deployment of the dashboard, our unwavering commitment product support will come into play:

**Bug Fixes:** Swift identification and resolution of any software glitches or malfunctions, ensuring an uninterrupted user experience.

**User Assistance:** A dedicated team will promptly address support tickets, addressing user inquiries and concerns with utmost priority.

**Enhancements:** To stay aligned with Daikibo’s evolving needs, we pledge to actively develop new functionalities and features that contribute to the dashboard’s growth and adaptability. Our support framework is designed to establish the dashboard as a cornerstone of Daikibo’s operational landscape, contributing to enhanced efficiency and productivity.