



IMAGIZATION

A Market4.0 Experiment

Maintenance & Monitoring App

A client-side web app developed using AngularJS that, using an IDS connector infrastructure, enables machine's users to monitor their machines' condition and identify maintenance needs.

Previously, the experiment performed the integration of a selection of EKIN's broaching machines into the MARKET 4.0 platform, which closes the loop around MARKET4.0 ecosystem.

Features

Monitor any number of machines and create any number of charts.

Draw single variables or combine any in a chart.

Enable real-time monitoring.

Transform signals using FFTs, negate function, etc.

Benefits

EKIN has now an IDS enabled edge device.

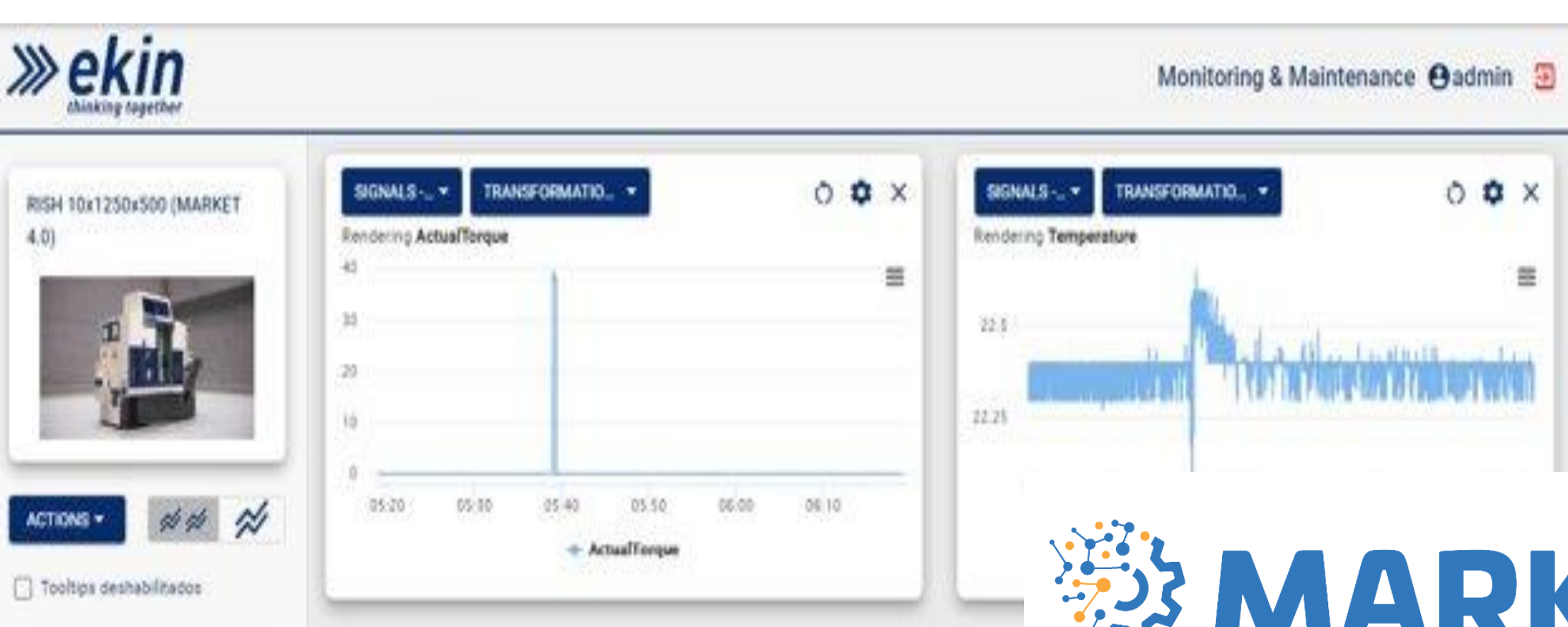
Also, a subset of their catalogue in MARKET4.0.

EKIN has now a simple yet powerful app for maintenance and monitoring.



Service/Application validation

Validated by the machine manufacturer, EKIN, against a machine in working conditions. It is currently under a deeper test prior to perform a second software iteration to higher the TRL.



Acknowledgment

This work has been performed in the context of the **Sub-project name** project, an open call #1 winner of the H2020 MARKET4.0 project (market40.eu), with participation of

- Partner 1, web site url
- Partner 2, web site url
- Partner 3, web site url

The H2020 MARKET4.0 project develops an open multi-sided digital platform for enabling production equipment and service providers to connect and work together with manufacturing companies. The MARKET4.0 platform enables new business, based on value-adding interactions among the production equipment and service providers and their customers while at the same time provides an open and participative infrastructure for these interaction