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
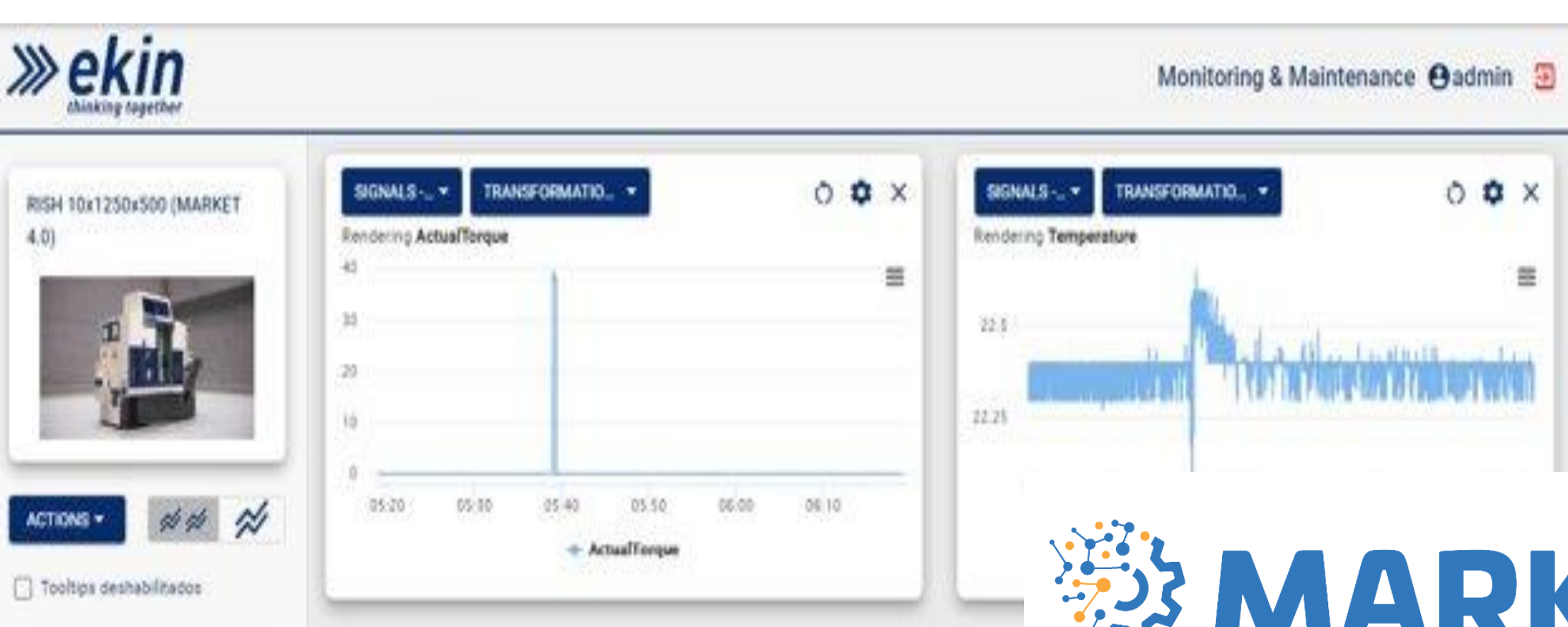
EKIN has now an IDS enabled edge device.

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.

RISHEM 10X1250X500
Brochadora Interior

RISHEM 16X1600X600
Brochadora Interior

RISHEM 20X2000X600
Brochadora Interior