

An isometric illustration of a smart factory and data center. The scene is filled with various elements: robotic arms on a production line, workers in hard hats, a forklift moving a pallet of boxes, a delivery truck, and several drones. In the foreground, there are server racks, people working at computers, and a large lightbulb icon on a platform. The overall color palette is a mix of blues, greys, and oranges, with a dark blue background for the text.

**A better way to collect and  
analyse your data**

# Introducing K2X

K2X is a suite of apps that cover all your quality and industry 4.0 needs



# Key Features



## Data collection

Effortlessly gather data from any source, with any device



## Task scheduling

Easily track and manage tasks across large teams and sites



## Problem Solving

Proactively identify, correct and prevent problems



## Real-time SPC

Monitor and control critical process variables to ensure consistent quality



## AI insights

Leverage AI algorithms based on years of real world data



## Virtual process

Optimise workflows to identify bottlenecks and improve efficiency



## Instant Alerts

Receive alerts by email or SMS for events and deviations



## Reporting

Comprehensive reports for informed decision making



## Easy Audits

Maintain airtight records for regulatory standards and compliance

# Trusted in production

**1500**

assets managed

**100,000+**

records captured

**>6000**

problems solved

**~£50K**

average annual ROI

# Productionized Data Entry

Value adding “Go/No-Go” gauges give operators instant feedback.

K2X runs on any device with a web browser, so implementation is cost effective and simple.

Create your smart factory with tablets and data collection on your production line.

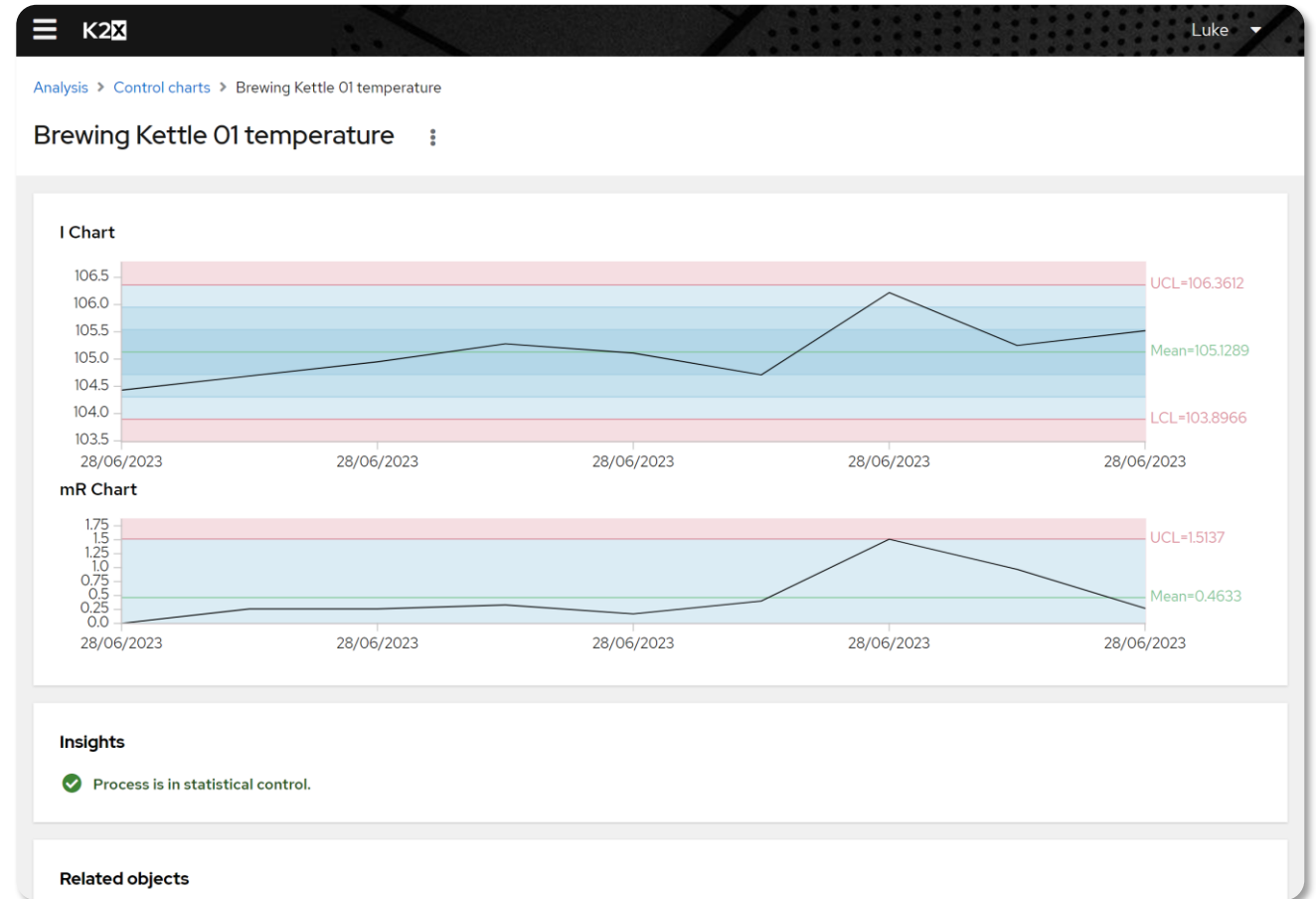
The screenshot displays a web-based data entry form titled "Glue Dispenser Output Measure". At the top, a specification is listed: "Specification: 10 (9.5 - 10.5) g". Below this, the form is organized into three columns: "Lower spec limit" with the value 9.5, "Enter value in Grams" with a text input field containing 10.26 and a green checkmark, and "Upper spec limit" with the value 10.5. A green checkmark and the text "This value is in spec" are displayed below the input field. At the bottom, there are three buttons: "Save and add another" (highlighted in blue), "Save", and "Cancel".

# Real time control charts

The control chart feature automatically selects the appropriate control chart based on the data being analysed.

However, this feature goes beyond just visualizing data. Your data is automatically analysed using AI which provides valuable insights and actionable information.

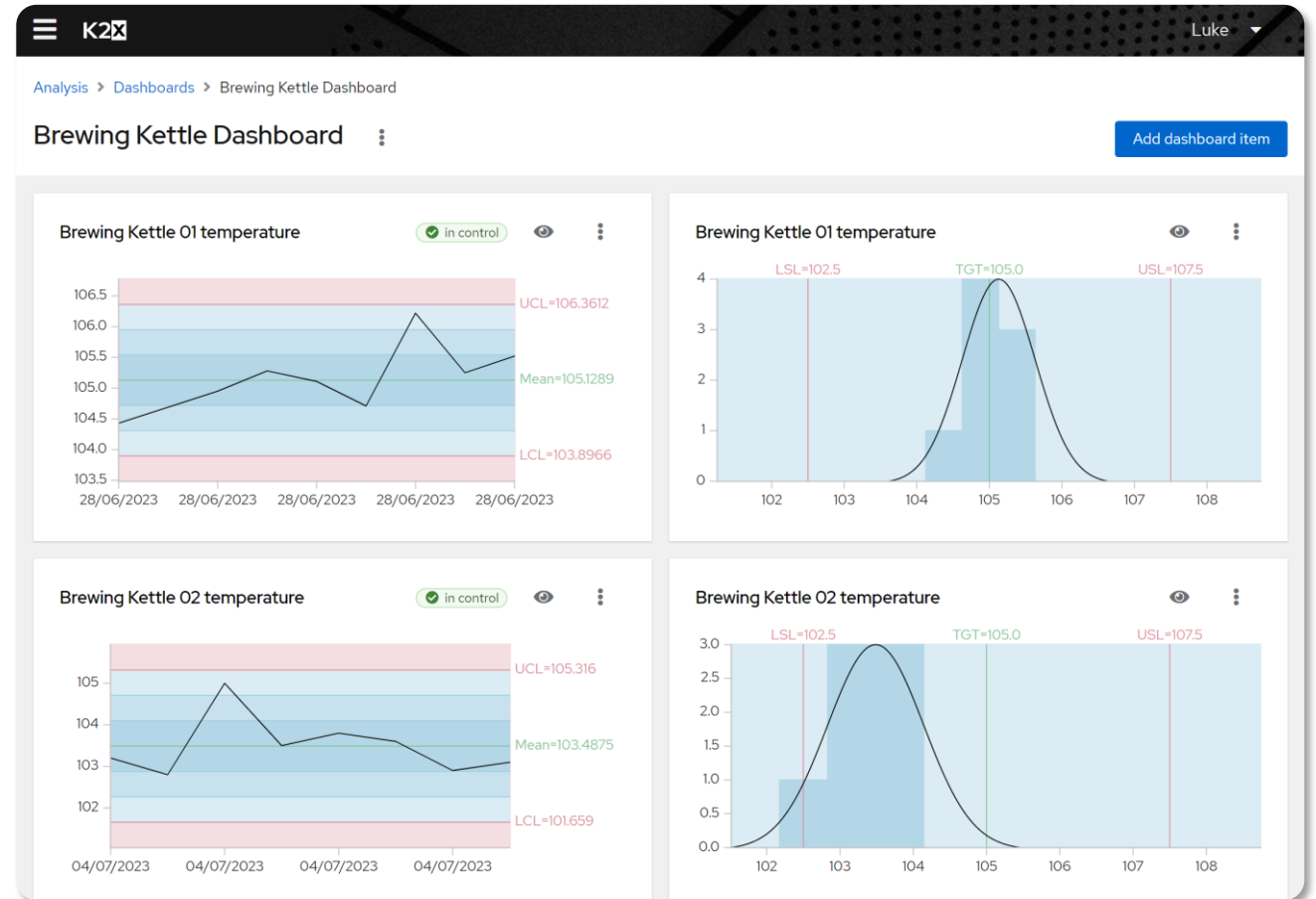
Users receive alerts, notifications, or recommendations when significant trends, patterns, or out-of-control signals are detected.



# Real time capability charts

K2X simplifies the presentation of capability statistics, the platform focuses on showcasing the most important capability statistics in a clear and easily understandable manner.

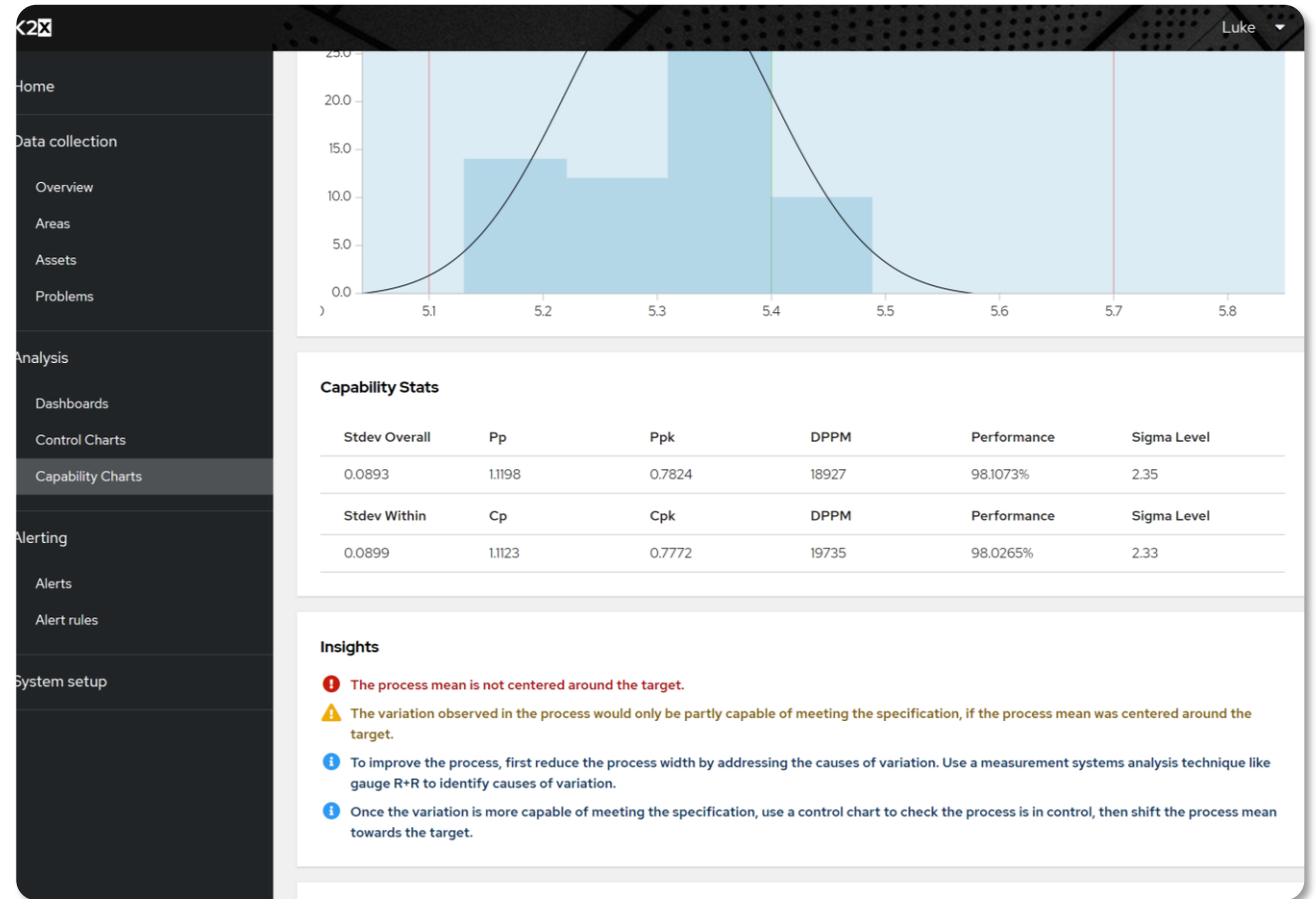
Quickly create custom dashboards using control and capability charts to quickly detect developing problems.



# AI powered insights

K2X automatically analyses your data using advanced AI algorithms that have been trained on years of real world data.

Your control and capability charts are interpreted and explained in plain English, with recommendations on how to improve your process.





# Data collection with benefits

We talked to many companies while designing K2X, and it was clear that they all had the same things in common.

Multiple data collection systems, or data collection systems that were outdated or too complicated made it difficult to extract key insights, identify valuable improvement opportunities, and take action.

K2X


Luke

[Data collection](#) > [Areas](#) > [Boiling](#) > [Assets](#) > Brewing Kettle 01

Brewing Kettle 01

Details

Image



Area

[Brewery](#) > [Production](#) > [Boiling](#)

Part number

TTBK-10KL

Asset type



Boiler

Serial number

0024685

Characteristics

Add characteristic

Name	Spec	Trend	Schedule last date	Schedule next date	
<a href="#">Operating Pressure</a> overdue	13 (12 - 14) PSI every 12 hours		28/06/23 23:00:27	29/06/23 11:00:27	⋮
<a href="#">Operating Temperature</a> overdue	105 (102.5 - 107.5) °C every 12 hours		28/06/23 23:04:10	29/06/23 11:04:10	⋮
<a href="#">Inspect Main Seal</a> not due	True / False every 1 weeks		28/06/23 22:55:18	05/07/23 22:55:18	⋮
<a href="#">Calibrate Temperature / Pressure Gauges</a> not due	True / False every 2 months		28/06/23 22:55:32	28/08/23 22:55:32	⋮
<a href="#">De-Scaling / Sterilisation Cycle</a> not due	True / False every 1 months		28/06/23 22:55:40	28/07/23 22:55:40	⋮

# Easy Scheduling

Quickly define scheduling intervals and set up automated reminders for data collection, ensure timely inspection, preventive maintenance, and calibration activities.

The screenshot displays the K2X application interface. At the top, a breadcrumb trail reads: Data collection > Areas > Boiling > Assets > Brewing Kettle 01 > Characteristics > Operating Temperature. The main header shows 'Operating Temperature' with a menu icon and a 'Capture data' button. On the left, a sidebar contains 'Details' (with 'Status' showing 'overdue'), 'Uom' (Degrees Celsius), and a 'Line Chart' showing a temperature trend over time. A modal dialog titled 'Edit characteristic' is open, featuring three tabs: 'Name and record settings', 'Specification', and 'Scheduling' (which is active). The 'Scheduling' tab contains the following settings: 'Schedule enabled' (checked), 'Schedule interval' (12), 'Schedule frequency' (Hours), 'Schedule due before' (30), 'Schedule due frequency' (Minutes), 'Schedule overdue after' (30), and 'Schedule overdue frequency' (Minutes). 'Save' and 'Cancel' buttons are at the bottom of the dialog. The background chart has a y-axis from 102 to 108 and an x-axis with dates 28/06/2023. Control limits are marked as USL, TGT, and LSL.

**Edit characteristic**

Name and record settings Specification **Scheduling**

Schedule enabled ☒

Schedule interval: 12 Schedule frequency: Hours

Schedule due before: 30 Schedule due frequency: Minutes

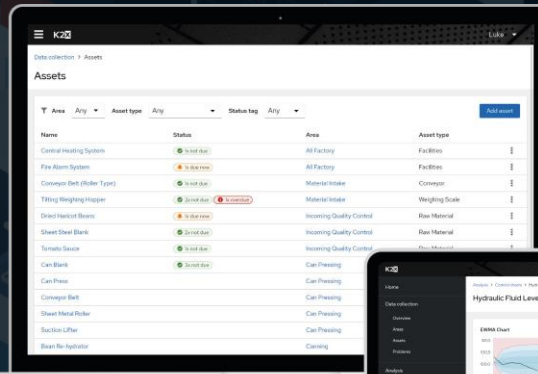
Schedule overdue after: 30 Schedule overdue frequency: Minutes

Save Cancel

Get started for free:

k2x.app

sales@keytoquality.com



The screenshot shows the 'Assets' management page in the K2X application. It features a table with columns for Name, Status, Area, and Asset type. The table lists various industrial assets such as 'Control Heating System', 'Fire Alarm System', and 'Conveyor Belt (Roller Type)', each with a corresponding status icon (green for 'OK', orange for 'Warning', red for 'Error').

Name	Status	Area	Asset type
Control Heating System	OK	All Factory	Facilities
Fire Alarm System	OK	All Factory	Facilities
Conveyor Belt (Roller Type)	OK	Material Intake	Conveyor
Tilting Weighing Hopper	Warning	Material Intake	Weighing Scale
Direct Market Beams	OK	Incoming Quality Control	Risk Material
Sheet Steel Blank	OK	Incoming Quality Control	Risk Material
Tomato Sauce	OK	Incoming Quality Control	Risk Material
Can Blank	OK	Can Pressing	
Can Press	OK	Can Pressing	
Conveyor Belt	OK	Can Pressing	
Sheet Metal Roller	OK	Can Pressing	
Suction Lifter	OK	Can Pressing	
Beam Re-hydrator	OK	Canning	

