TALPA **Platform features presentation**

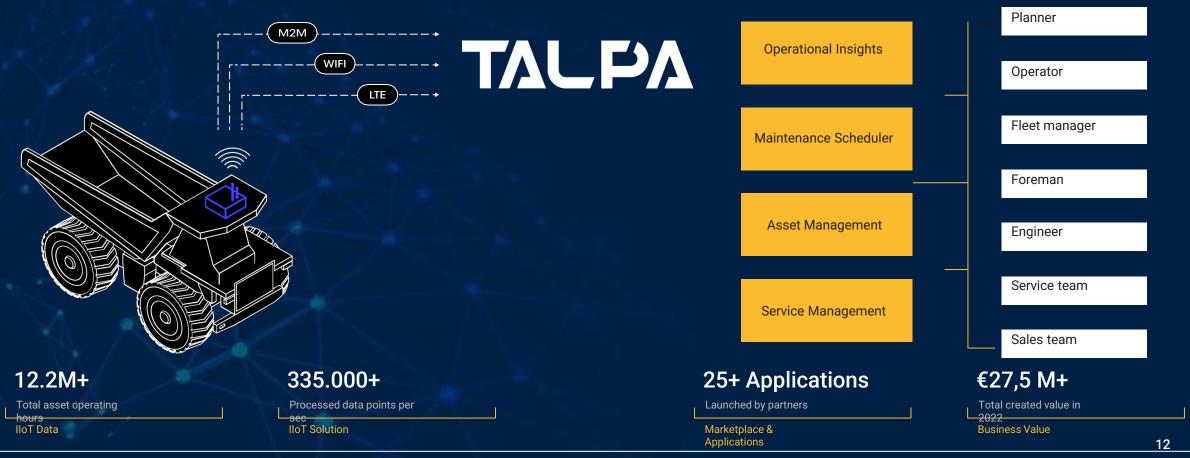


We believe in the transformative power of people, machines, and data.

Technology



The industrial AI platform with a data science-first approach to guarantee business value along the data value chain.



Technology

Access to data



Main features:

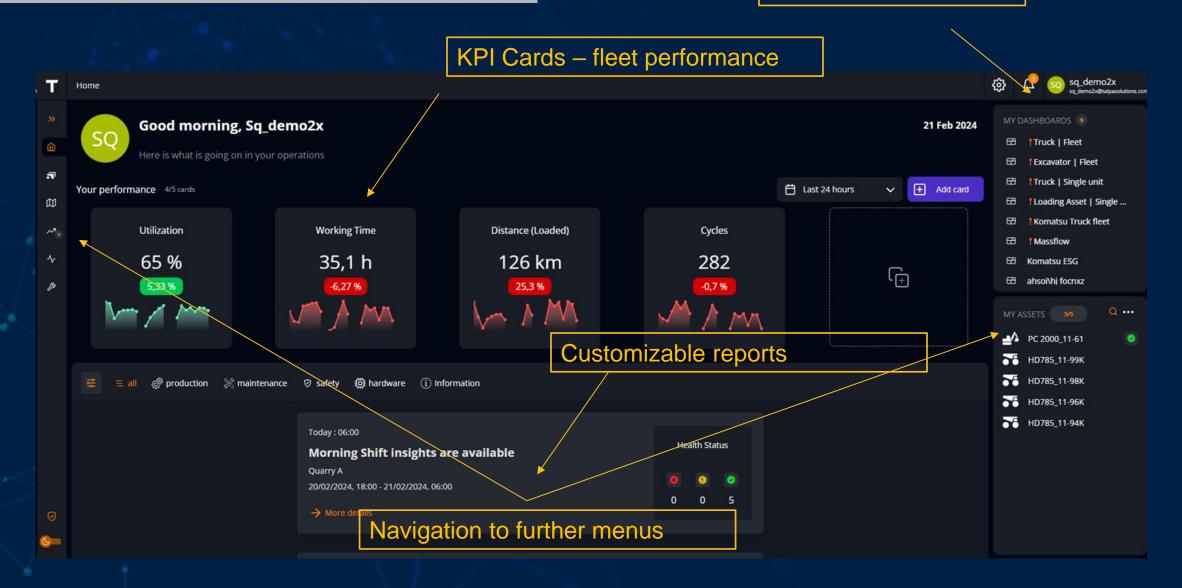
- A powerful data logging device captures data from embedded and retrofit sensors on the machine.
- All raw data is logged at a resolution of 10 Hz (or higher, if required).
- Proprietary EDGE-compression technology allows for versatile delivery to the platform and low-cost data transfer.
- WiFi, LTE, and M2M communication for various applications
- High-quality GPS module and inertial motion unit (IMU)



WEB INTERFACE: START PAGE



Important notifications



WEB INTERFACE: START PAGE

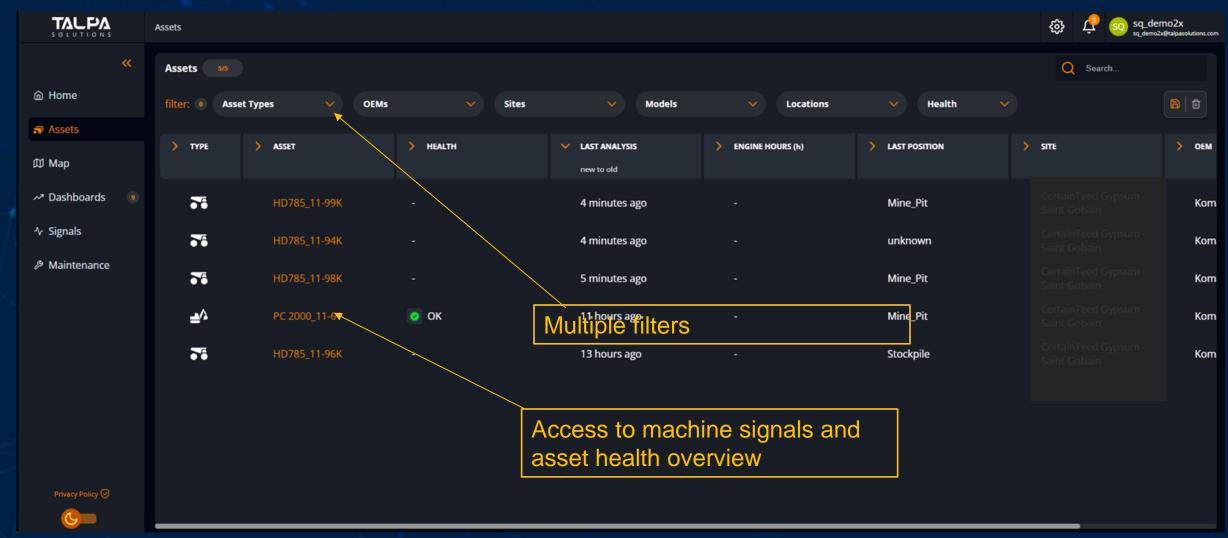


- Start by reviewing main KPIs (choice of five depending on the user preferences) for 24H,
 7 and 30 days. Result compared to the previous period
- Set customizable (shift, day, etc. reports automatically formed based on the incoming data)
- Get notification about important events (engine or machine critical errors, over speeding, excess idling, etc. in the notification menu*)
- Navigate to further menus or favourite dashboard with one click

^{* -} custom function, to be discussed at the deployment stage

WEB INTERFACE: ASSET LIST





WEB INTERFACE: ASSET LIST



- View the entire integrated fleet on one page
- Use filters to see machines of particular site, (in case multiple are integrated), type,
 model, manufacturer. Convenient for multi-site deployment.
- In case engine data is available* Health state (no alerts, warnings or errors) is dispayed.
 Investigate errors and warnings in two clicks

^{* -} normally available for the machines younger than 10 years, to be investigated before the integration

WEB INTERFACE: MAP VIEW

Time picker





Heatmap builder with various filters

WEB INTERFACE: MAP VIEW

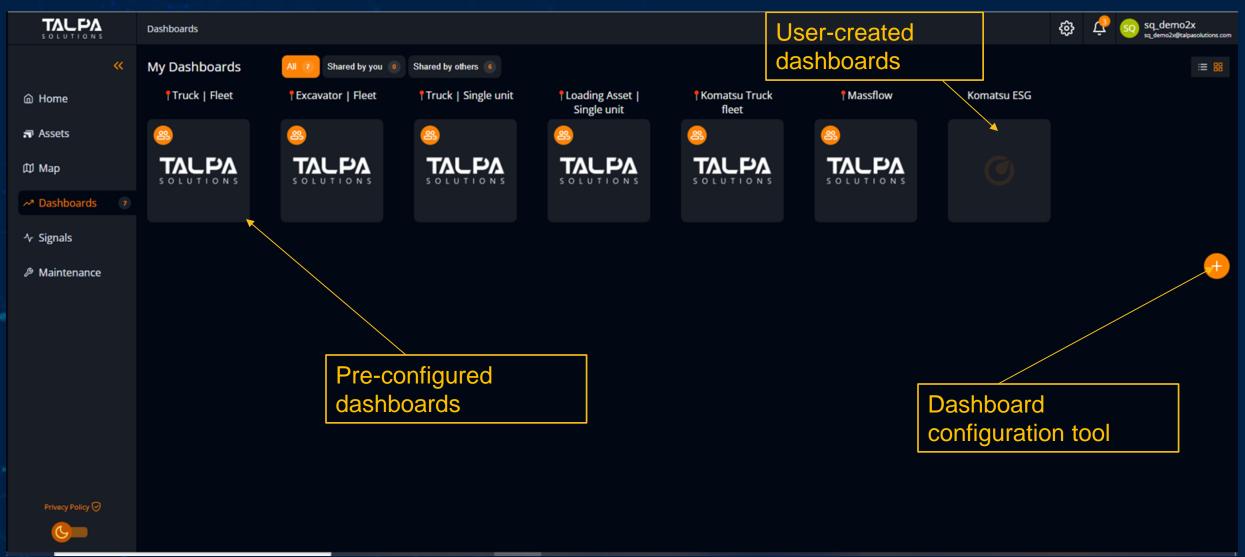


- Detect asset location at the time of last data transfer
- Detect hotspots and dimensions of different activities (driving loaded/unloaded, idling loaded/unloaded, etc.) for better analysis of the bottlenecks
- Choose any time of analysis from 1 shift to several months with the time picker
- Integrate satellite or drone* pictures

* - custom function, to be discussed at the deployment stage

WEB INTERFACE: BI TOOL





WEB INTERFACE: BI TOOL



- Get a set of pre-configured dashboards for your project
- Fleet view and single view dashboards are available for the entire fleet of certain asset types
- Configure your own dashboards within several clicks; just choose from available asset dimensions and widgets
- Share dashboards with your colleagues, contractors, etc. for the transparency of analytics

WEB INTERFACE: BI TOOL - DASHBOARDS (FLEET VIEW)





Material flows between geofences

WEB INTERFACE: BI TOOL - DASHBOARDS (FLEET VIEW)



- All machines of certain type on one screen
- Comparison of performance for any time period for all assets
- Cycle average information for selected period
- Main KPI's
- Material flows between geofences

.....and much more (fully customizable based on available data)

WEB INTERFACE: BI TOOL - DASHBOARDS (SINGLE UNIT VIEW)





WEB INTERFACE: BI TOOL - DASHBOARDS (SINGLE UNIT VIEW)



- Get detailed distribution of cycle duration, distance, etc.
- Get minute-by-minute or summary of activities per day or per hour within one day
- Define main KPI's to track and get instant access to them
- Navigate to the next asset in one click

....and much more (fully customizable based on available data)

WEB INTERFACE: BI TOOL - SIGNAL EXPLORER



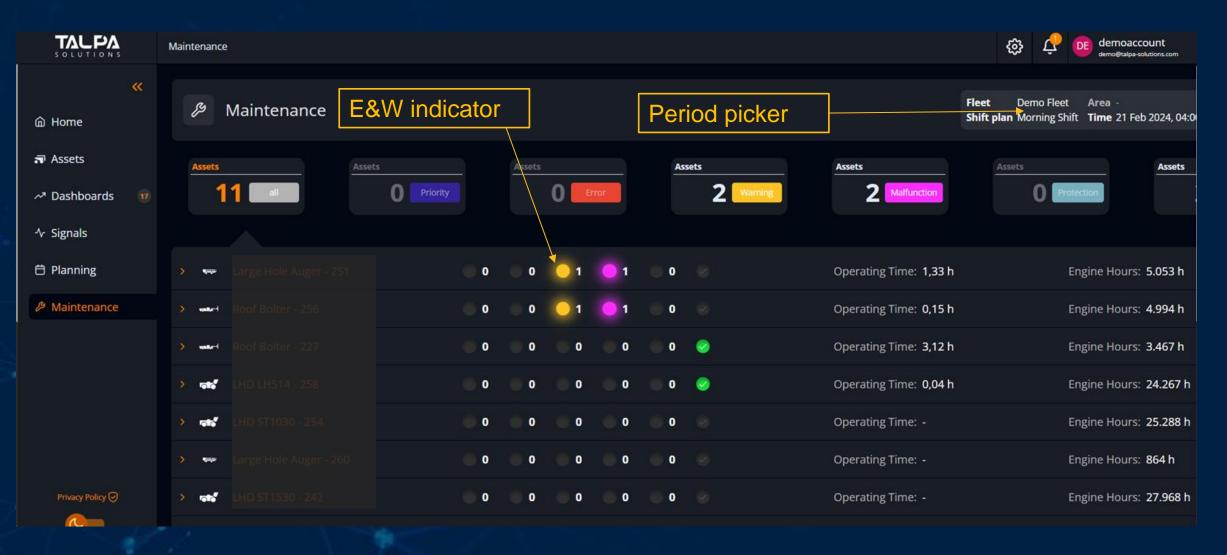


WEB INTERFACE: SIGNAL EXPLORER



- View any of the available raw signals
- Combine as many signals as required together on one screen
- Choose a period of one hour and then zoom to a 1 second resolution on demand
- Used normally for root cause analysis, incident investigation, warranty cases, engineerin studies, etc.

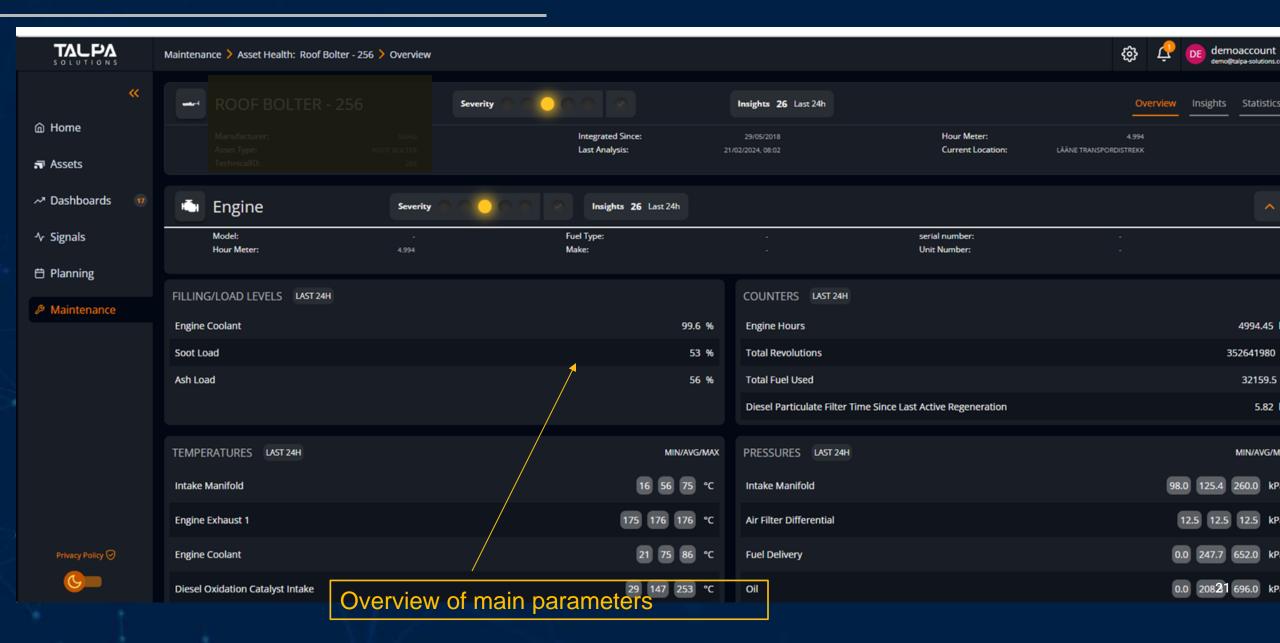




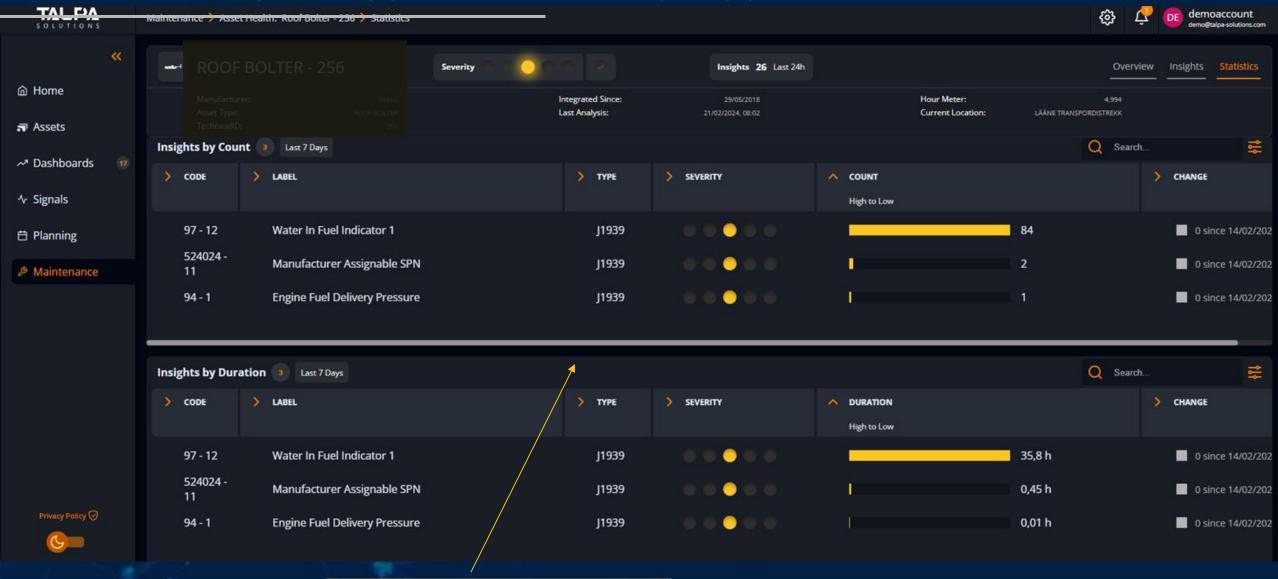












WEB INTERFACE: MAINTENANCE TOOL



- View the conditions of your fleet at the end of each shift
- Deep dive into errors and warnings, investigate together with other peers
- See asset health conditions at any time once the asset is integrated
- Track statistics of registered events up to 30 days be prepared for next maintenance



HAVE MORE QUESTIONS? BOOK A DEMO!

TALPA

Let's build something together!

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