

HERMITMONSTER

Work Highlights



Connected
Experiences

Solar Grid Power Management

Hi Simone,
These are the latest updates for you.

02 Critical 01 High 02 Medium 00 Low

System Notifications

Solar Forecast Alert

Sub-station 17 is Over Capacity

Sub-station 15 is Over Capacity

Sub-station 10 is Over Capacity

Sub-station 12 is Over Capacity

Recommended Actions

Re-run DERMs solar forecast

Re-distribute system load

Dismiss

79°F
Tue | 09-04-2019 | 10:10 am
Precipitation: 0%
Humidity: 10%
Wind: 5 mph

3%
Sun Mon Tue Wed Wed Thu Fri Sat
Re-run Forecast

Flexible Grid Ops is a solar power grid management system.

The system integrates industry dashboard with real time analytics for physical factors such as precipitation and weather updates, to actively enable decision making with respect to energy offload and re-distribution.

Hi Simone, These are the latest updates for you.

02 Critical 01 High 02 Medium 00 Low Dark

System Notifications Dismiss

- Solar Forecast Alert
- Sub-station 17 is Over Capacity
- Sub-station 15 is Over Capacity
- Sub-station 10 is Over Capacity
- Sub-station 12 is Over Capacity

Recommended Actions Dismiss

- Re-run DERMs solar forecast
- Re-distribute system load

Hi Simone, These are the latest updates for you.

02 Critical 01 High 02 Medium 00 Low Dark

System Notifications Dismiss

Re-Distribute System Load

Substation 17 is Over Capacity

- Offload to Eastern Pkwy EV parking
- Offload to Eastern Pkwy Battery site 21
- Offload to Eastern Pkwy Battery site 22
- Offload to Eastern Pkwy Battery site 22

Map Forecast

9000
8500
8000
7500
7000
6500
6000
5500
5000
4500
4000

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

Legend: Baseline (orange), Demand (cyan), Forecast (white)

Hi Simone, These are the latest updates for you.

02 Critical 01 High 02 Medium 00 Low Dark

System Notifications Dismiss

- Solar Forecast Alert
- Sub-station 17 is Over Capacity
- Sub-station 15 is Over Capacity
- Sub-station 10 is Over Capacity
- Sub-station 12 is Over Capacity

Recommended Actions Dismiss

- Re-run DERMs solar forecast
- Re-distribute system load

Run DERMs Solar Forecast

Select Forecast Type: Wind, PV, BioGas, Geothermal

Select Substation Areas: Sub-station 663

Dismiss

Hi Simone, These are the latest updates for you.

02 Critical 01 High 02 Medium 00 Low

Re-Distribute System Load

Substation 663 is Over Capacity

- Offload to Eastern Pkwy Battery site 21

Simulate Confirm

Hi Simone, These are the latest updates for you.

02 Critical 01 High 02 Medium 00 Low

System Notifications

- Solar Forecast Alert
- Sub-station 663 is Over Capacity
- Sub-station 673 is Over Capacity
- Sub-station 693 is Over Capacity

Recommended Actions

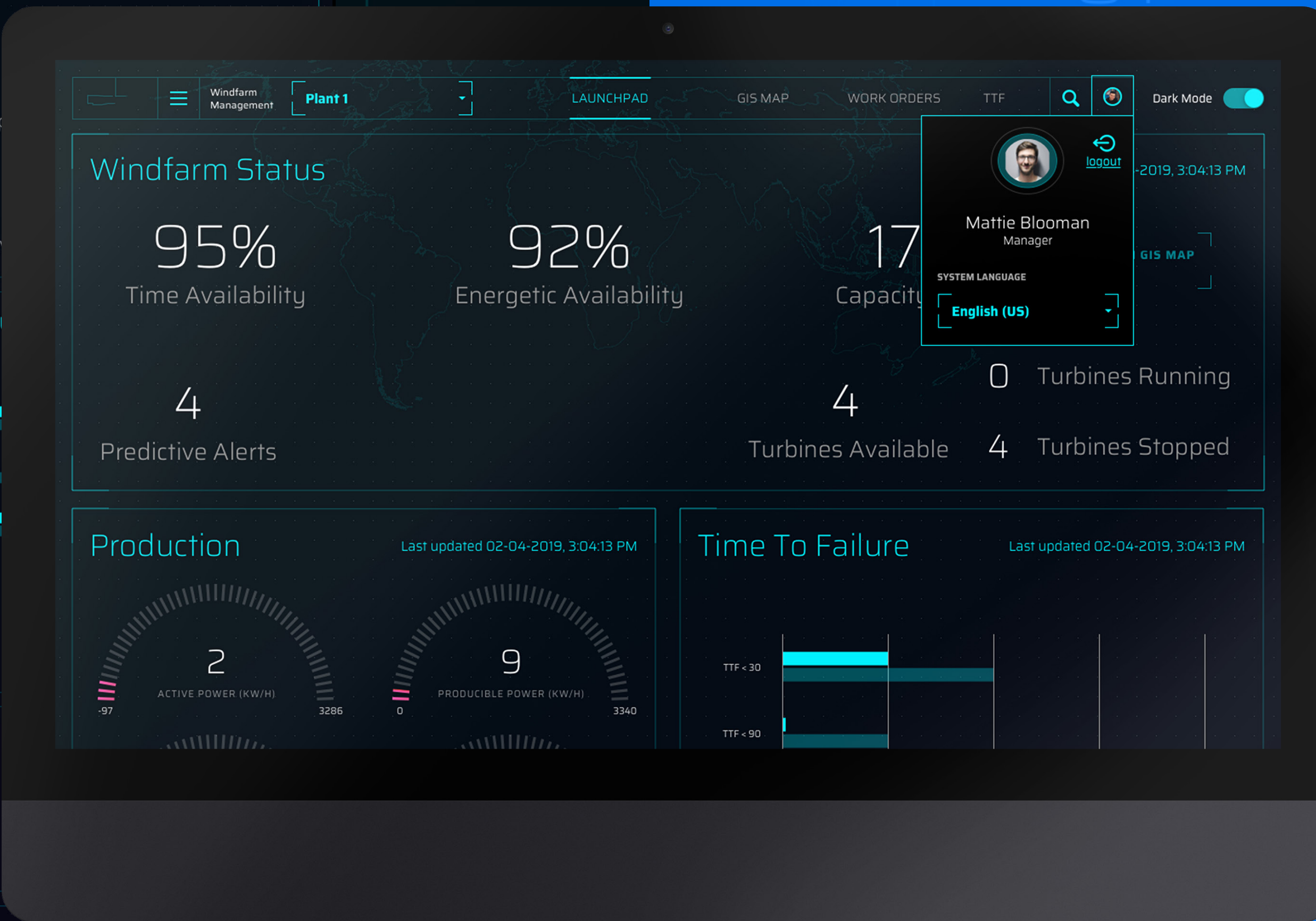
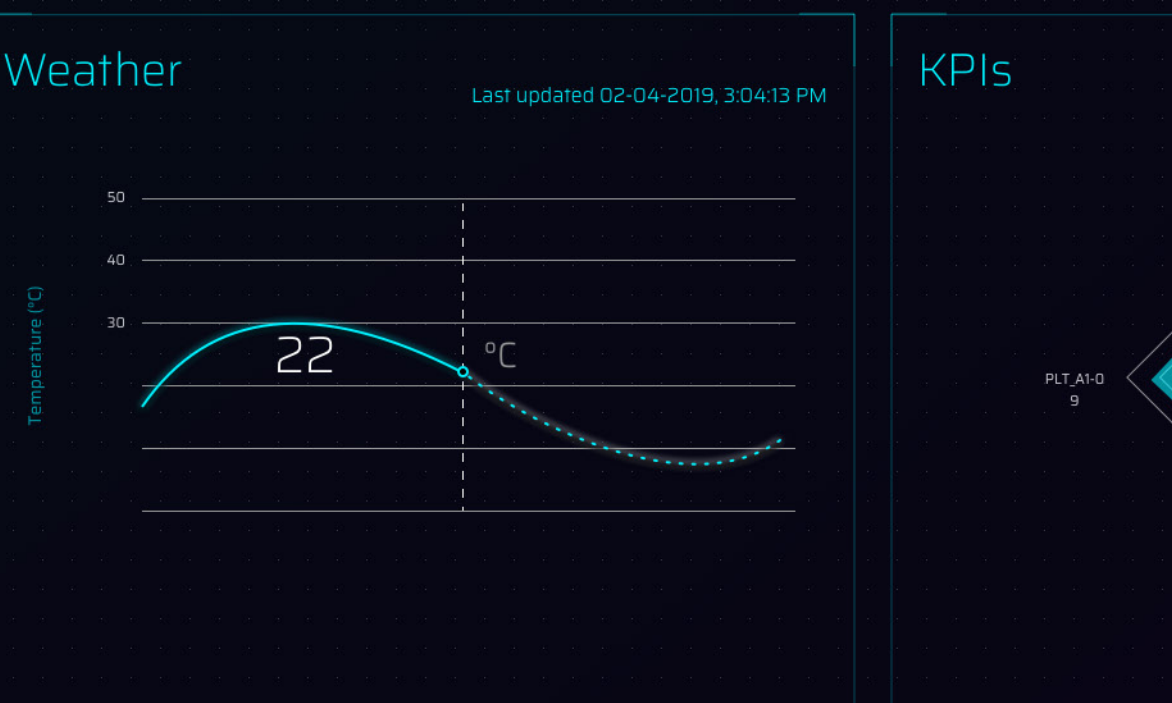
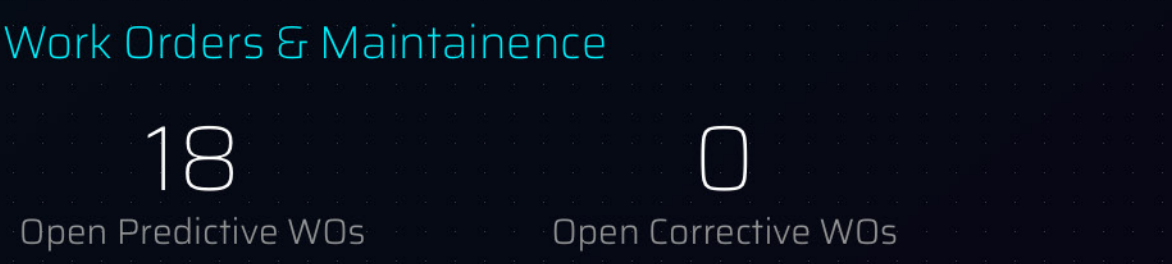
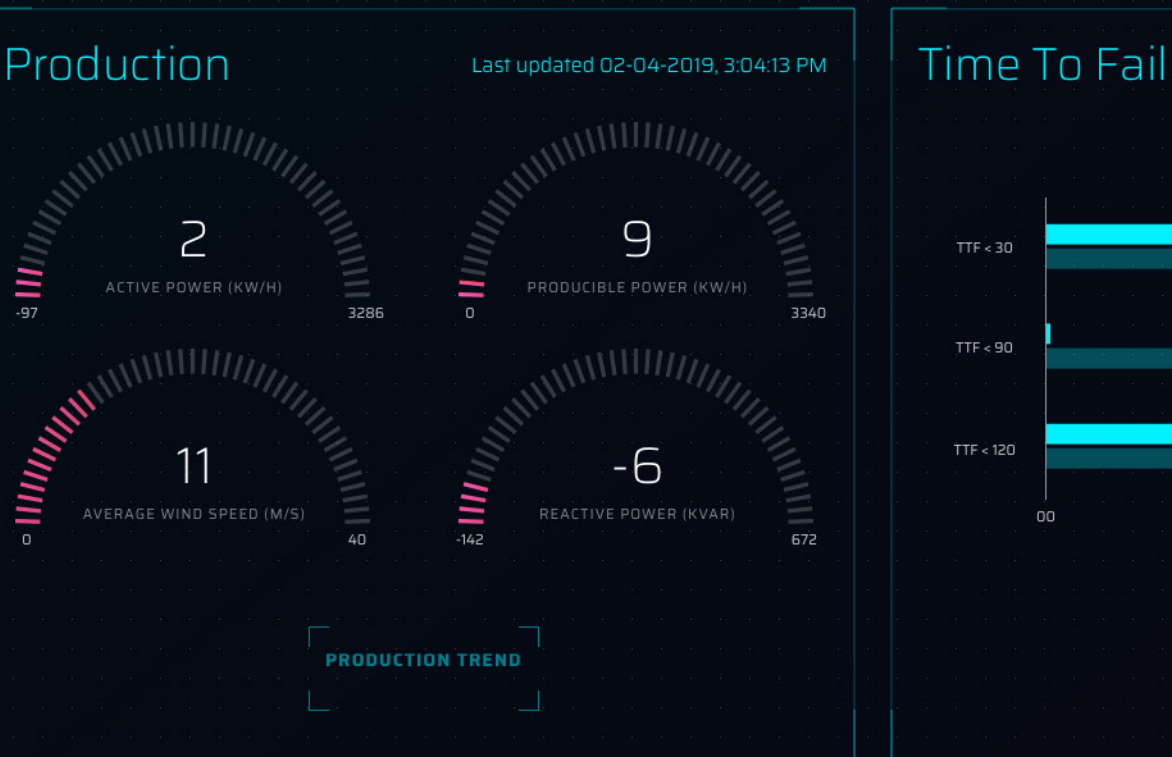
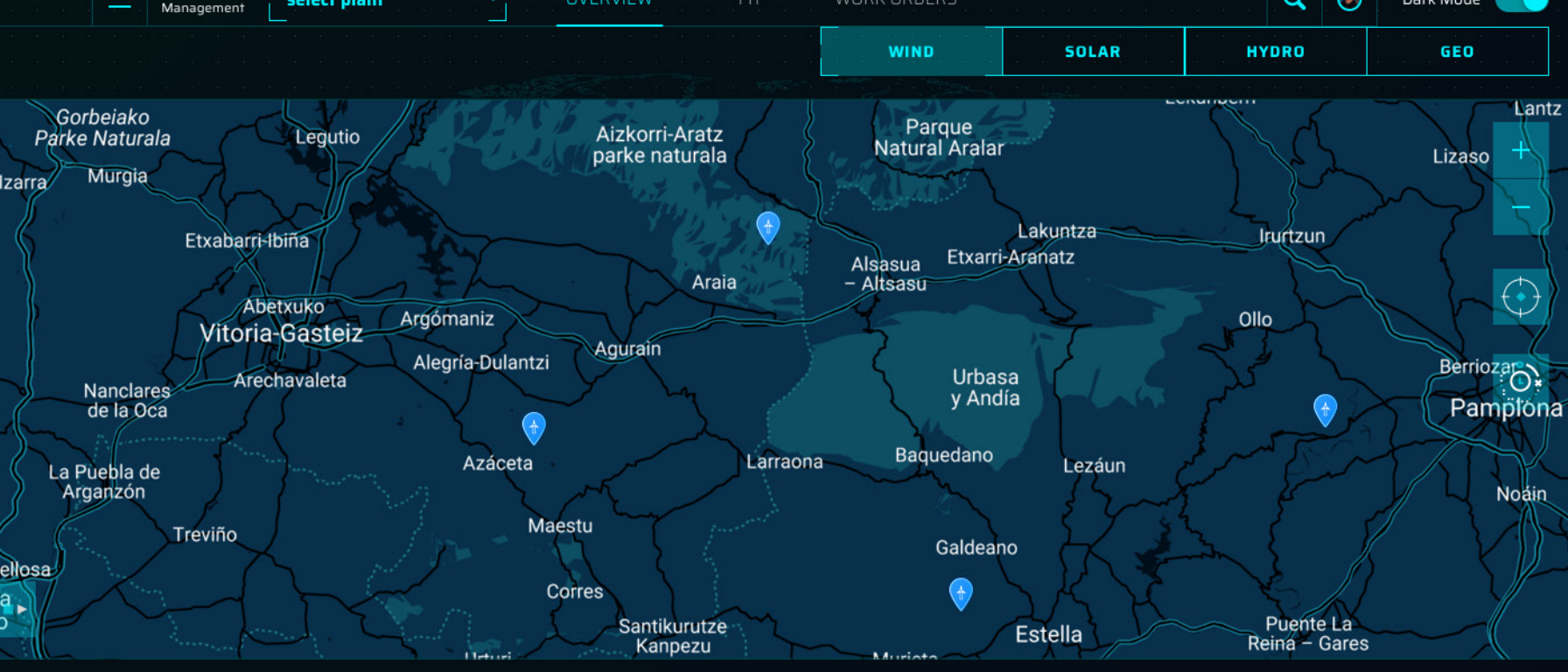
- Re-run DERMs solar forecast
- Shed load from system

79°F

#high-contrast #location-centric #industry-x.o

A workflow that metamorphoses as per your needs

Wind Energy Turbine Management

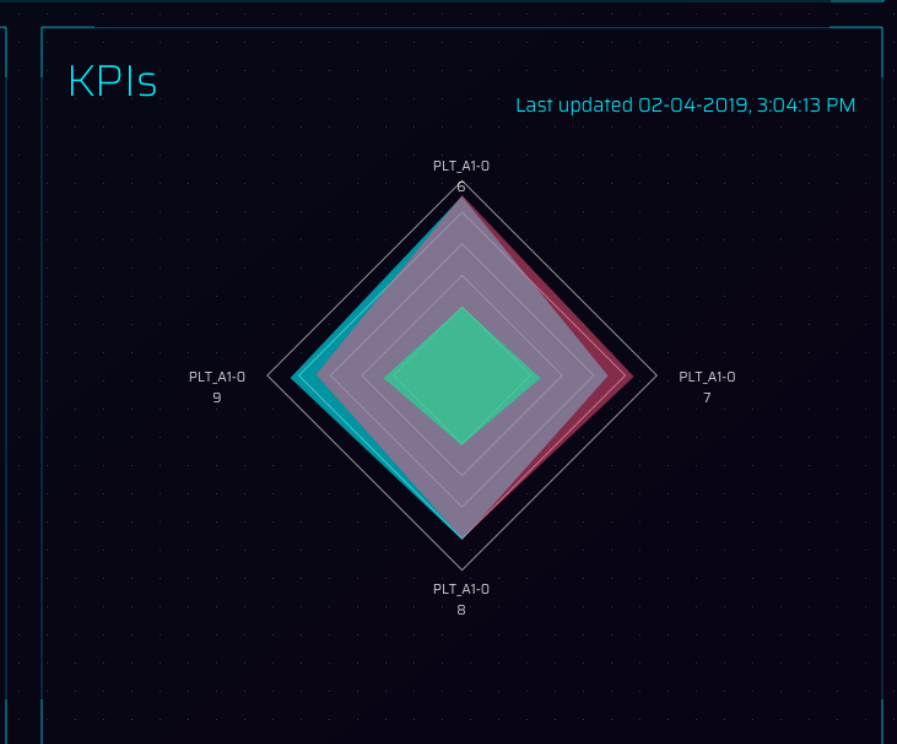
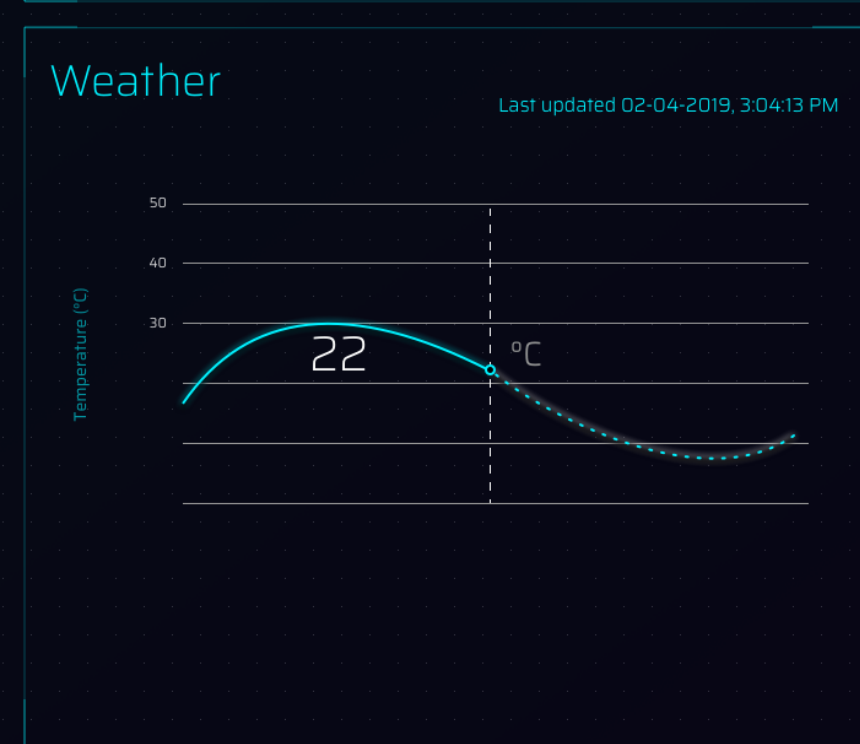
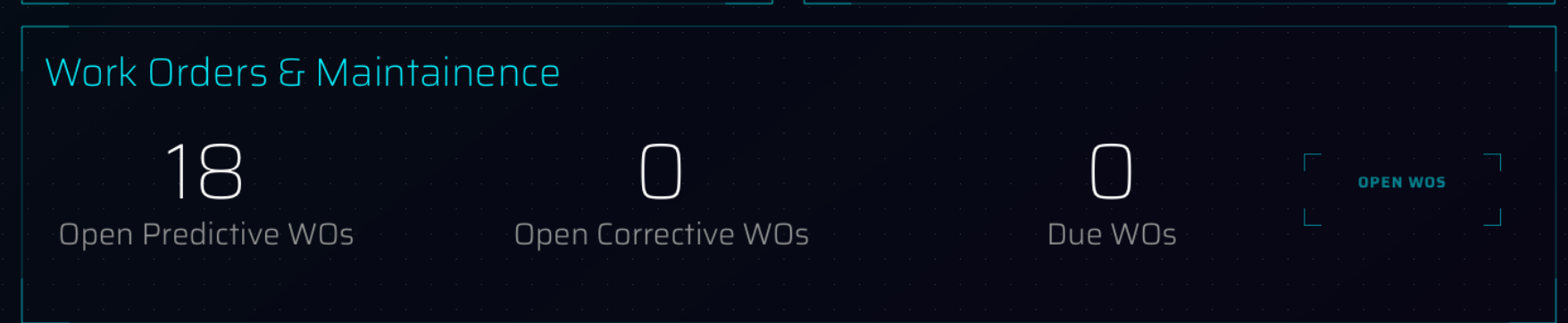
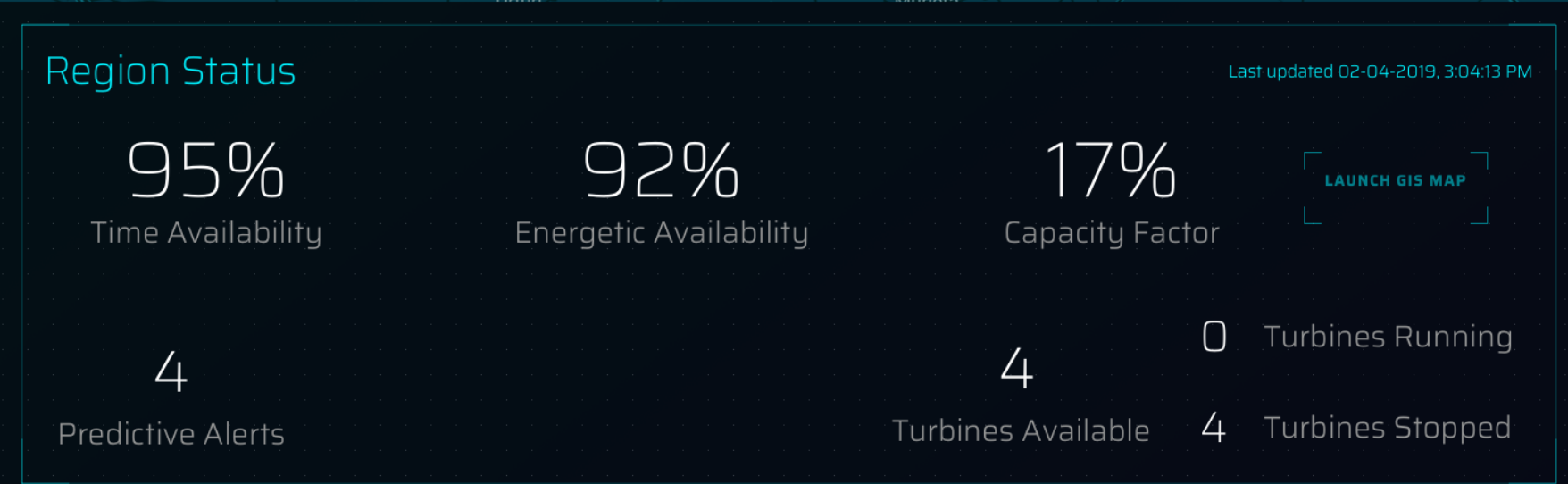
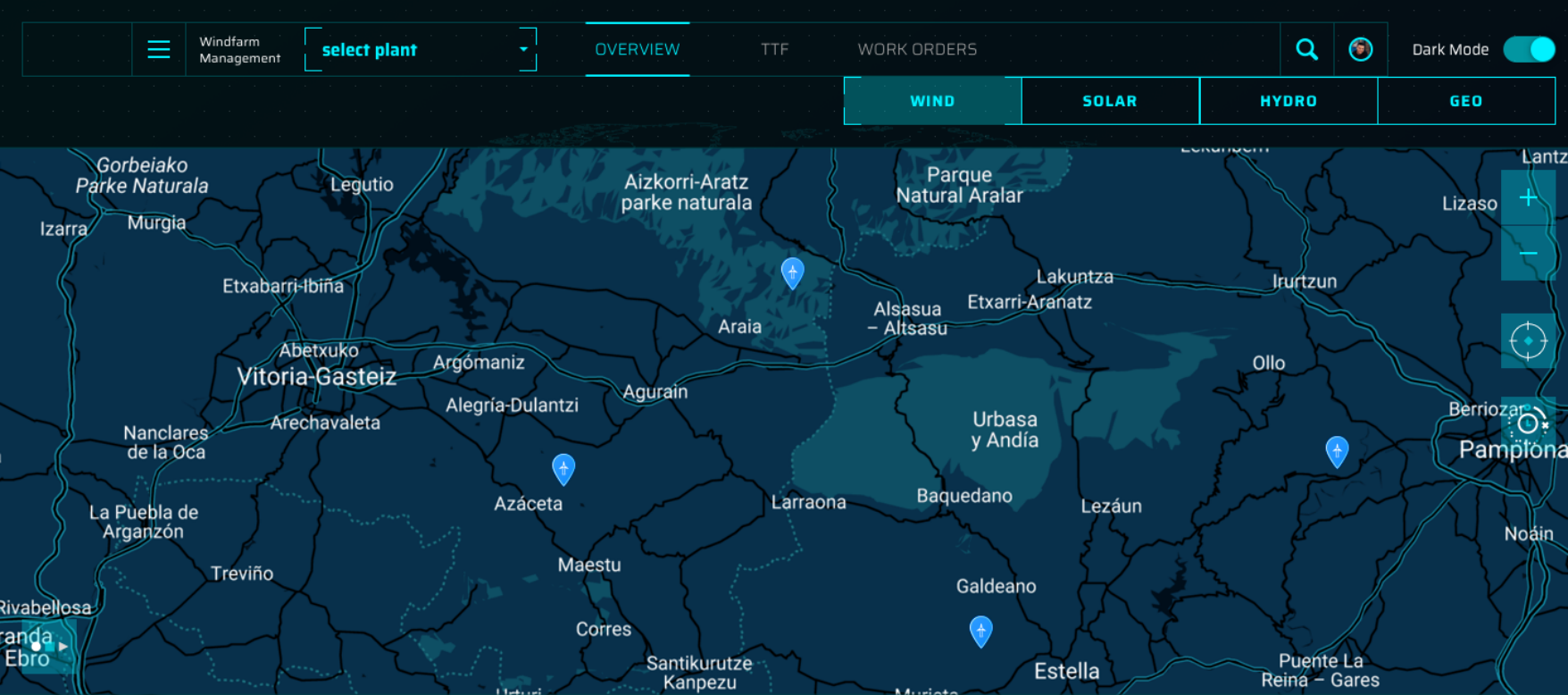


Digital Grid is a windfarm overview system that shows live status of various KPIs with respect to environmental and system factors, with contextual deep dive based on region in view (global, country level, city level etc.)

The dashboard also works as a predictive data access point by breaking down time to failure and it's probability for each individual turbine based on observable onsite data and trends.







TTF Details

Select Alert Type **Medium**

TTF **TTF <120**

Select Turbine **PLT1_A1-04**

Turbine - PLT1_A1-04

Gamesa G52 850kW

TTF **TTF <120**

01 Medium Alerts

02 Work Orders

#tactical #futuristic #industry-x.o

A workflow that is as data-centric as it can get.

TTF < 120 Probability

COMPONENT NAME	PROBABILITY %	OPEN WOS
Gearbox	69.38 %	02
Generator	11.10 %	00
Transformer	11.12 %	00
Rotor	11.10 %	00
Hydraulic	11.18 %	00
Nacelle	11.19 %	00
Yaw System	-	-
Converter	-	-

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Simulation

Digital Chemist

Chemical Simulations

Simulation Countries:

United States



Permissible alcohol qu

UK

3 more errors

Japan

Germany



Volatile Acidity

0.375 g/ltr



Alcohol

11.55 %



Formulation Search & Simulation



Chemical Insights



Cognitive Search



Plant Advisor



Lab Test Supervisor



Virtual Assistant

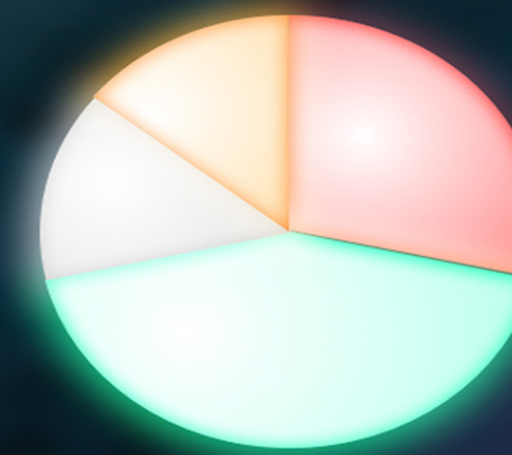


Hello! I am your Digital Twin assisting you as a Digital Chemist. What can I help you with today?

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Formulation Summary



05

Total Formulations

02 Approved 01 Rejected 01 Pending 01 Drafts

Rejected Formulations

Approved Formulations

Last Searched



Digichemist is a solution driven product that helps scientists as well as industry leaders, to simulate and demonstrate chemical processes without the necessity of physical laboratory environments, making way for an Analytics and Data-driven Digital Simulation mechanism with the help of advanced machine learning algorithms.

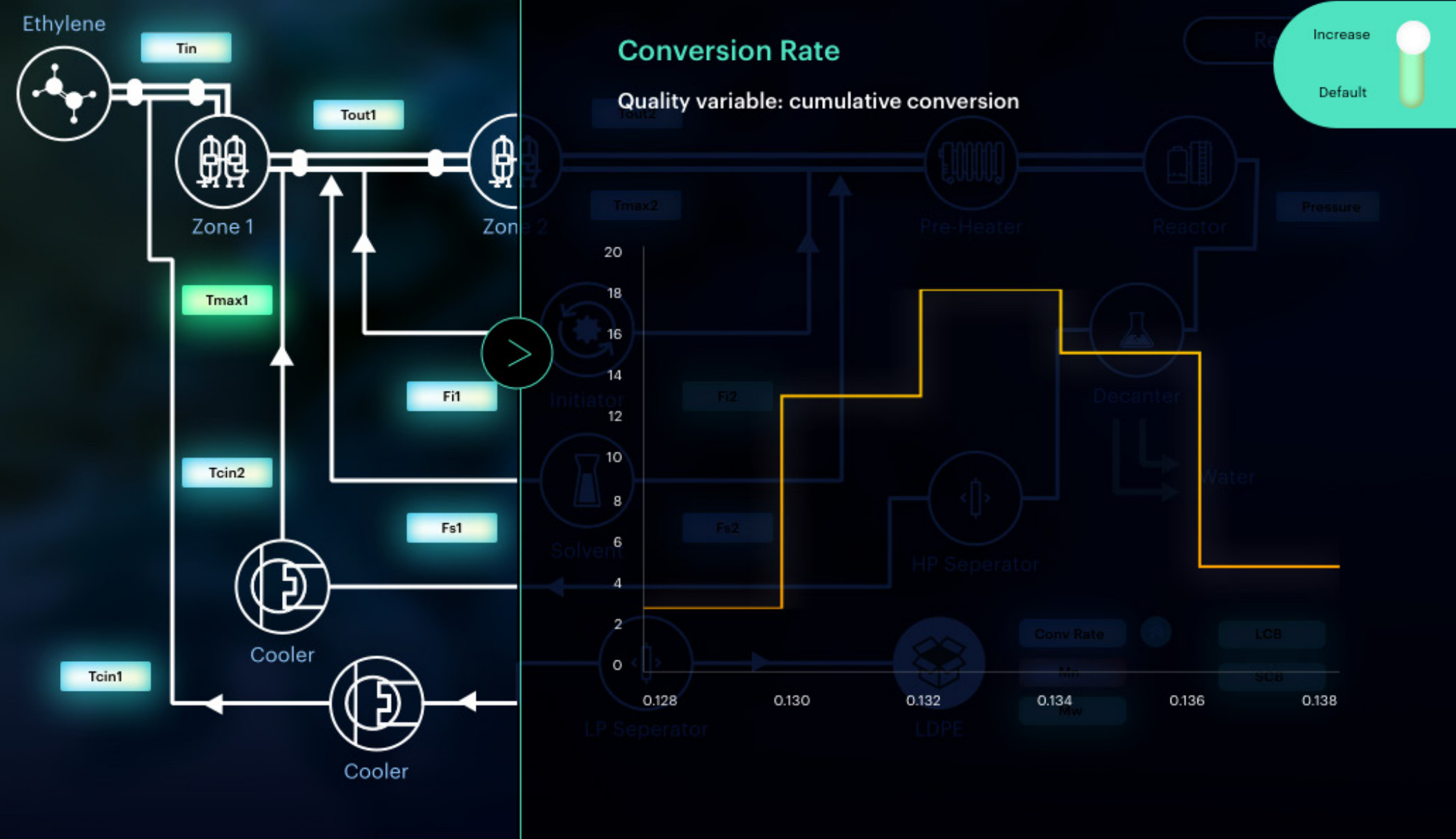
Comments

Save As

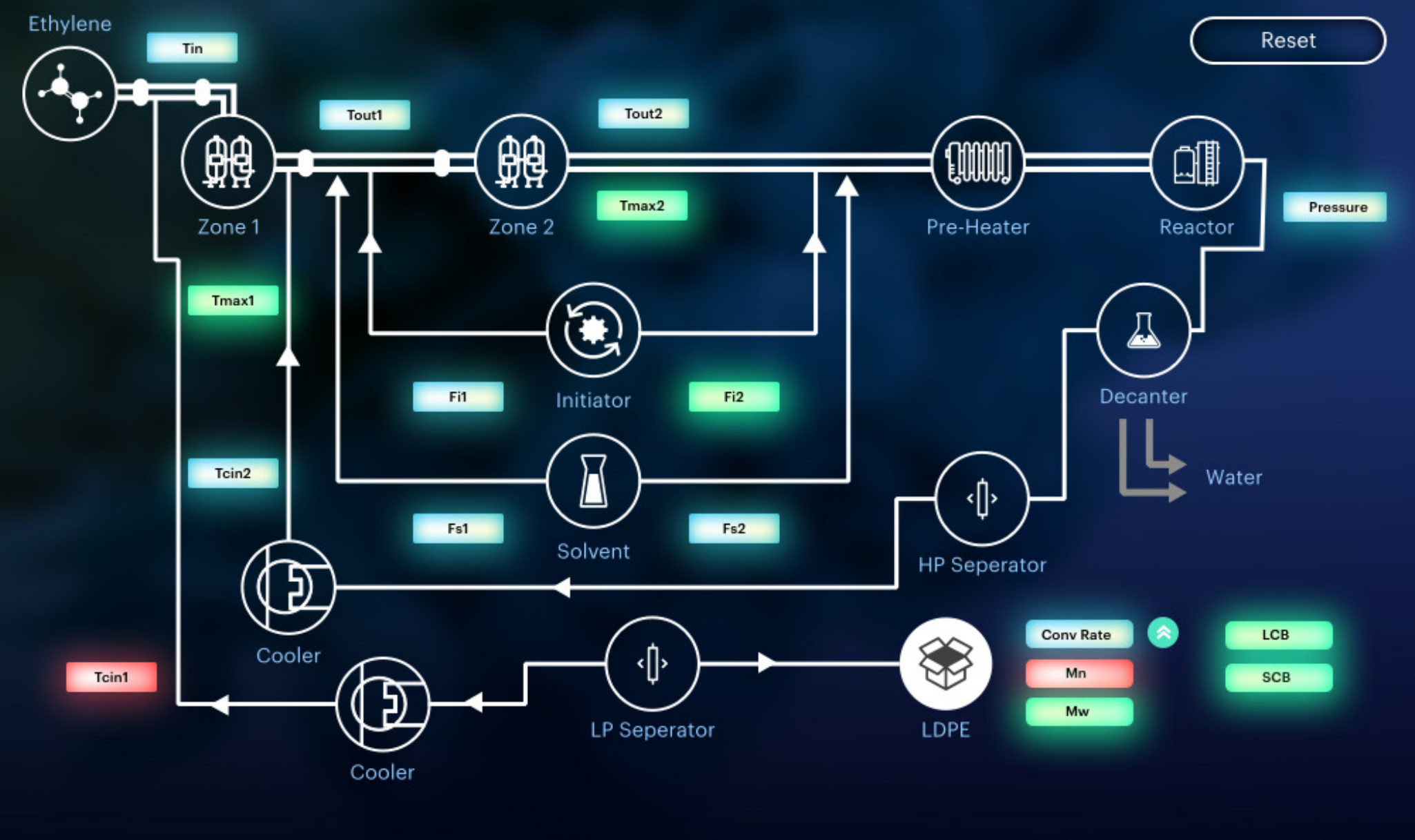


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Process Flow

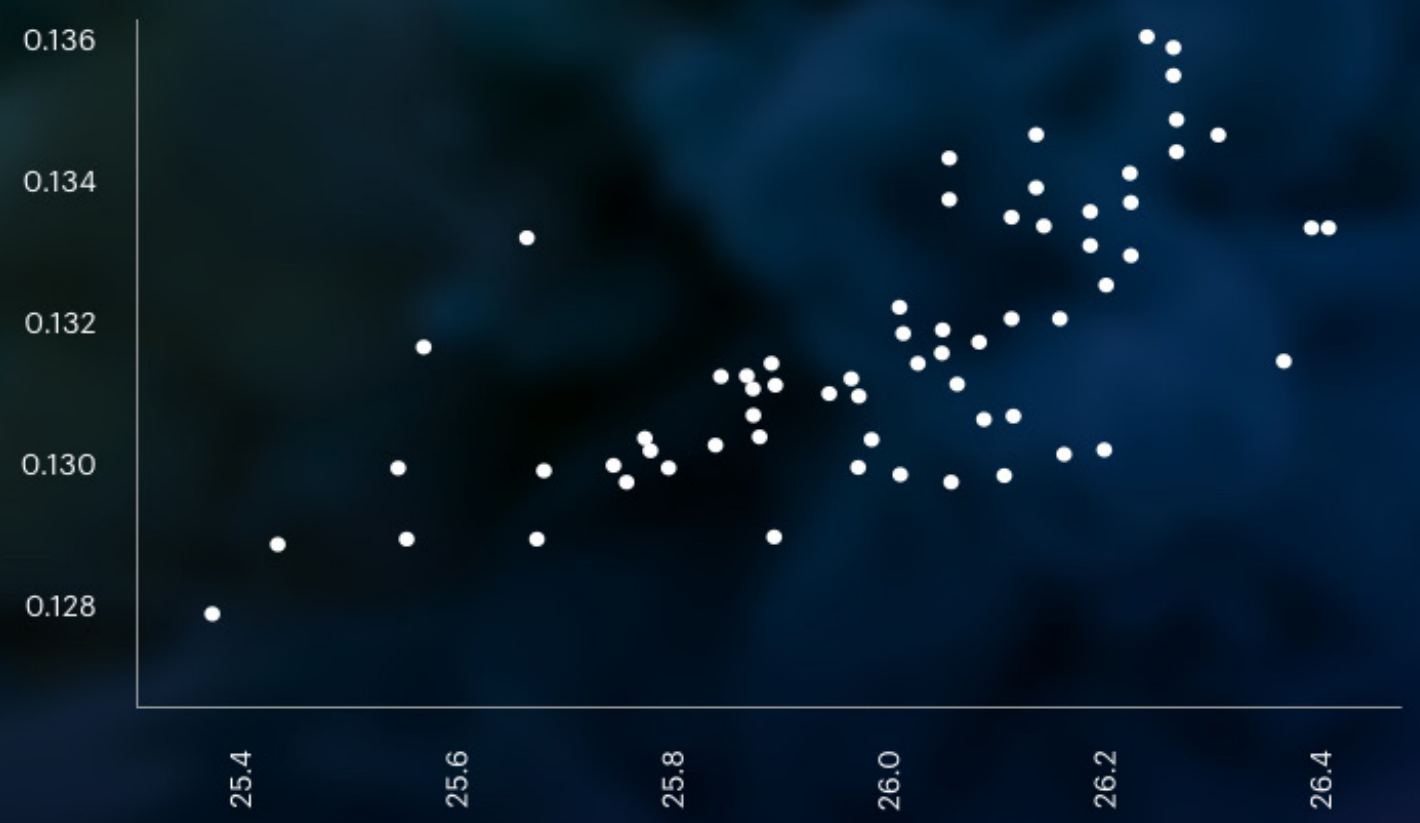


Process Flow



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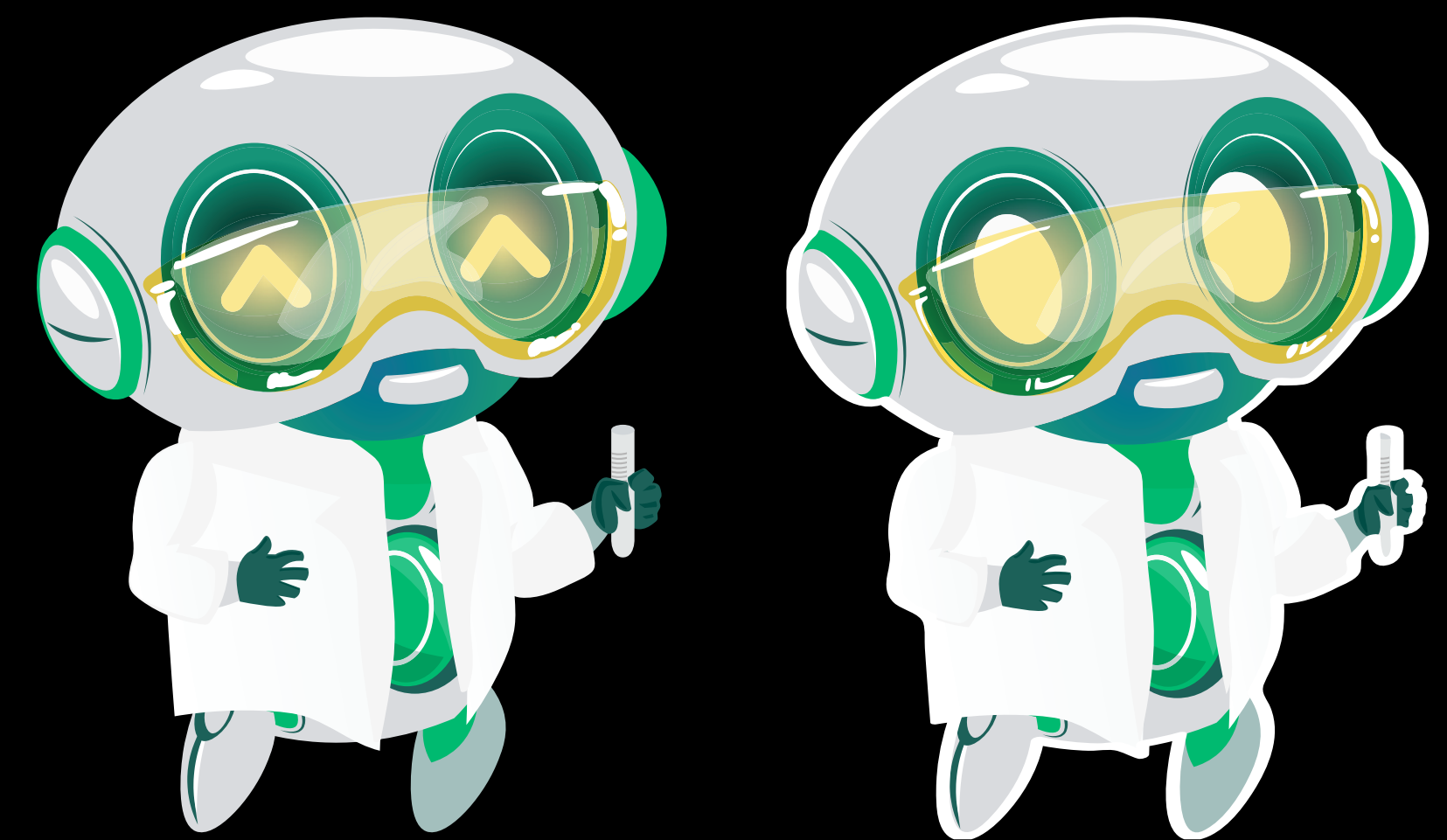
Data Discovery



Process Variables

Quality Variables

Inter Relationships



#vaporwave #quirk #inquisitive
 Some personality, some crazy colors and a industry leading machine driven simulations.

