November 2020

Flutura

Actions! Not just Insights

FLUTURA BUSINESS SOLUTIONS

Flutura

AI Powered Operational Excellence and Reliability for the Industrial World

Powered by cerebra

Energy & Natural Resources | Process Manufacturing | OEM & Engineering Services

Gartner peerinsights customers' choice

Ranked #1 Globally

VISION 2024

1 Billion USD

business outcomes to our customers

Thought Leadership | Agility | Trust

PRODUCT PORTFOLIO

Cerebra has a comprehensive suite of tools to address the AI value chain for the industrial world

cerebra

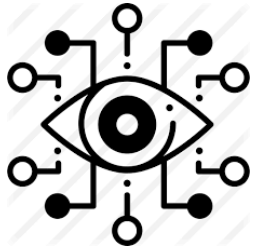
Platform and Digital Assistants

Core foundation to build and Deploy Industrial IoT applications and assistants to support day to day decisions

cerebra

Edge

Instantiate actions closer to operations site or plant for faster actions



cerebra

Vision

Goal Zero – Manufacturing Defects or HSE compliance using Advanced Analytics

cerebra

Engineer's Workbench & Cognitive Assistants

- Enable specialists to evaluate and optimize large scale operations
- Industrialize engineering analysis

VALUE PROPOSITION

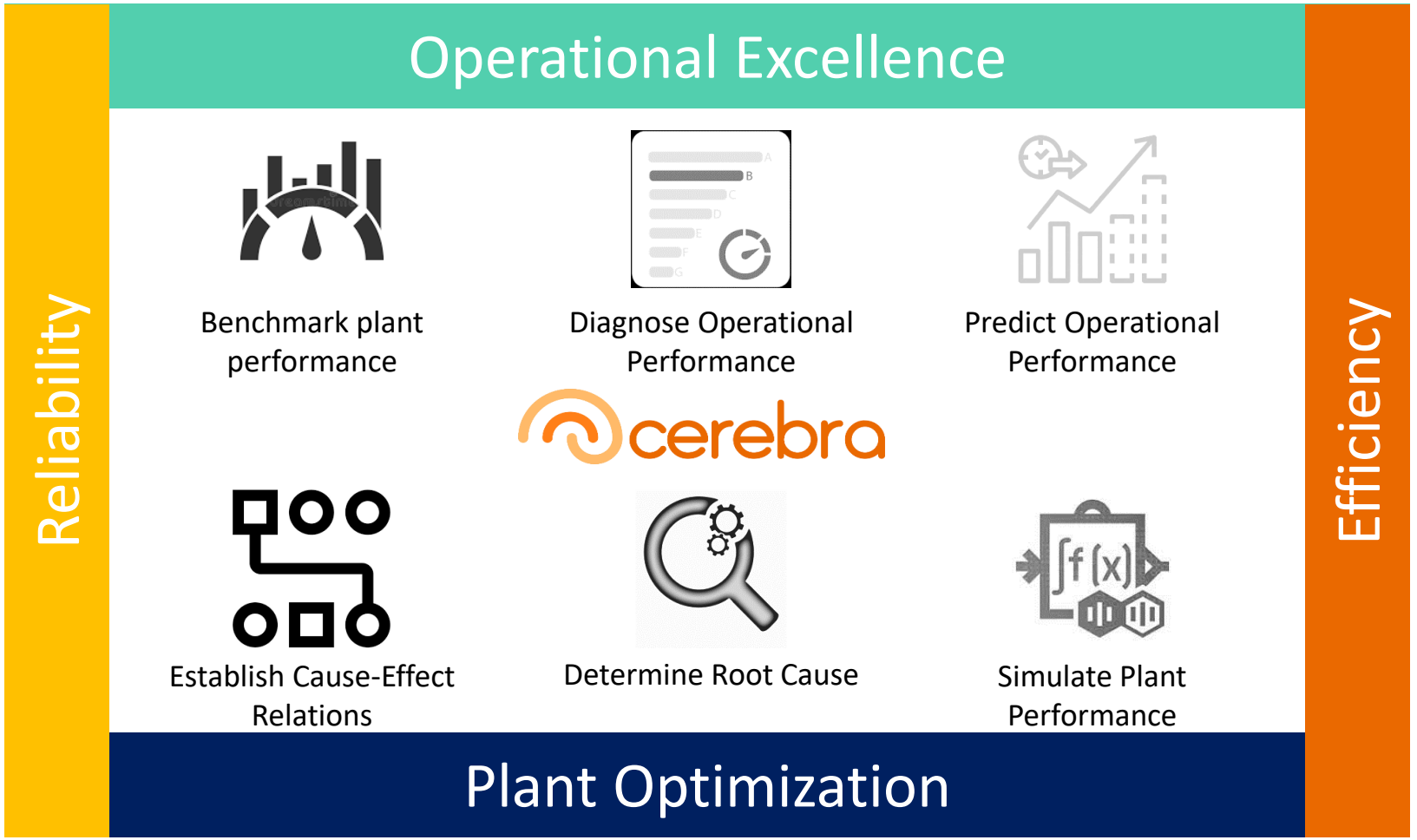
Over 50 digital assistants power critical decisions and delivers key outcomes for factories.

Reduce production off-spec

Reduce customer complaints

Reduce plant downtime

Increase RUL of Equipment



Reduce maintenance costs

Reduce operating costs

300 MN

value delivered in 3 years

Increase Yield

Enhance effectiveness of controls

MISSION CRITICAL DEPLOYMENTS

Cerebra is the central nervous system for the factories of the future

200

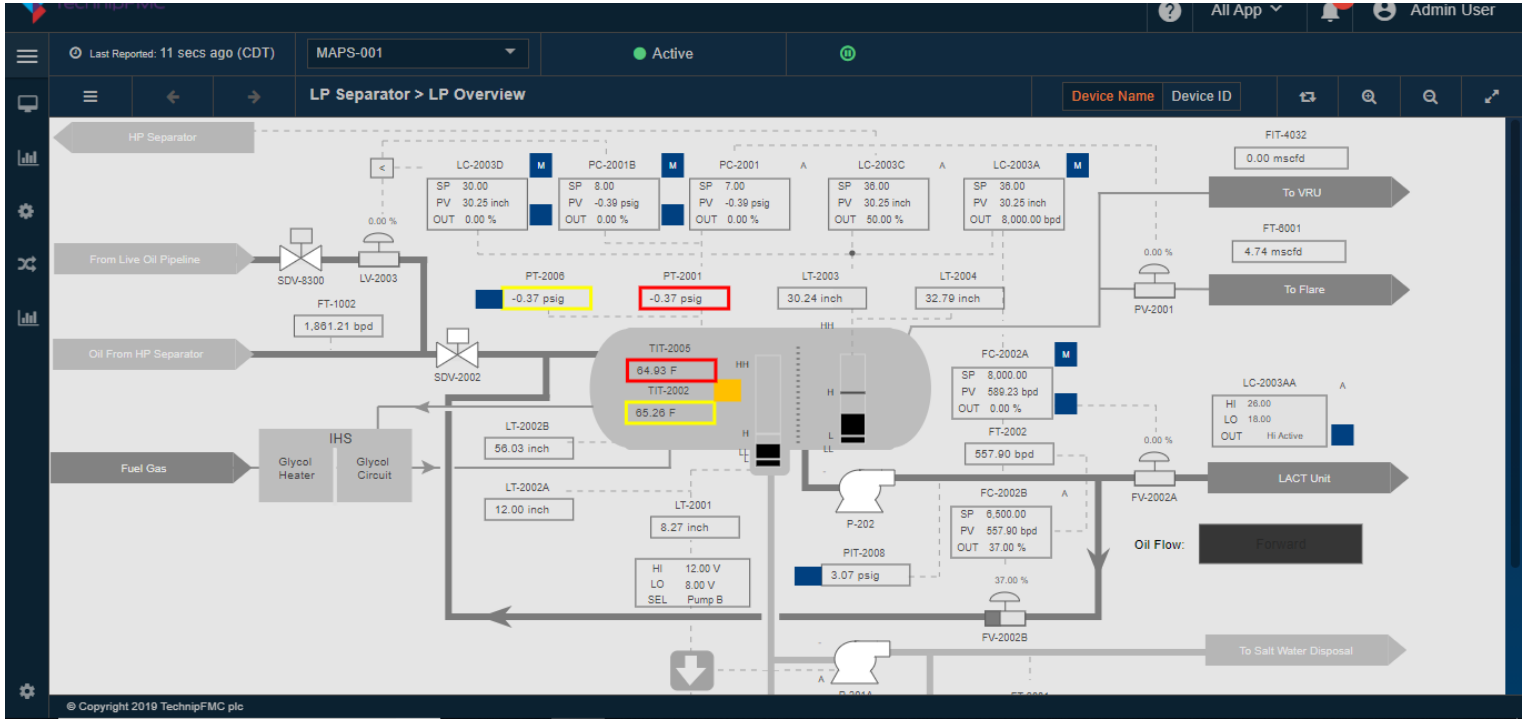
Manufacturing lines

7000

Varied product categories

Real time interventions to over **750,000** batches and counting…

Cerebra helps comprehensive modeling of nuances in factories with varied process and equipment landscape



Allows configuration of varied types of equipment including but not limited to Digester, Centrifugal Pump, Heaters, Knockout Drums, Chiller, Tank, Mixer, Wash Tower, Headers, Circulation Fans, Separator, Wash Tower, Chiller, Aging Tower (Absorption Column), Heat Exchanger, Calciner, Dryer, Heat Kiln / Furnace, Filters, Valves, Towers, Lock Hopper

- A highly flexible **process digital twin** to model the plant and nuances
- A robust **high-performance data lake** to integrate and manage varied data sets and workloads across
- **Distributed architecture** for processing high volume datasets in real time and batch modes
- Out of the box **algorithms** for supporting digital assistants
- **Engineer centric user experience**
- **Automated model performance evaluation and retraining**
- **Self service tools** for rollout, overriding model outputs, configuring diagnostics and others

CEREBRA GLOBALLY RANKED #1

Our customers experience Thought Leadership, Agility & Trust

Great Technology and *Platform*, But An Even *Better Team Behind It!*

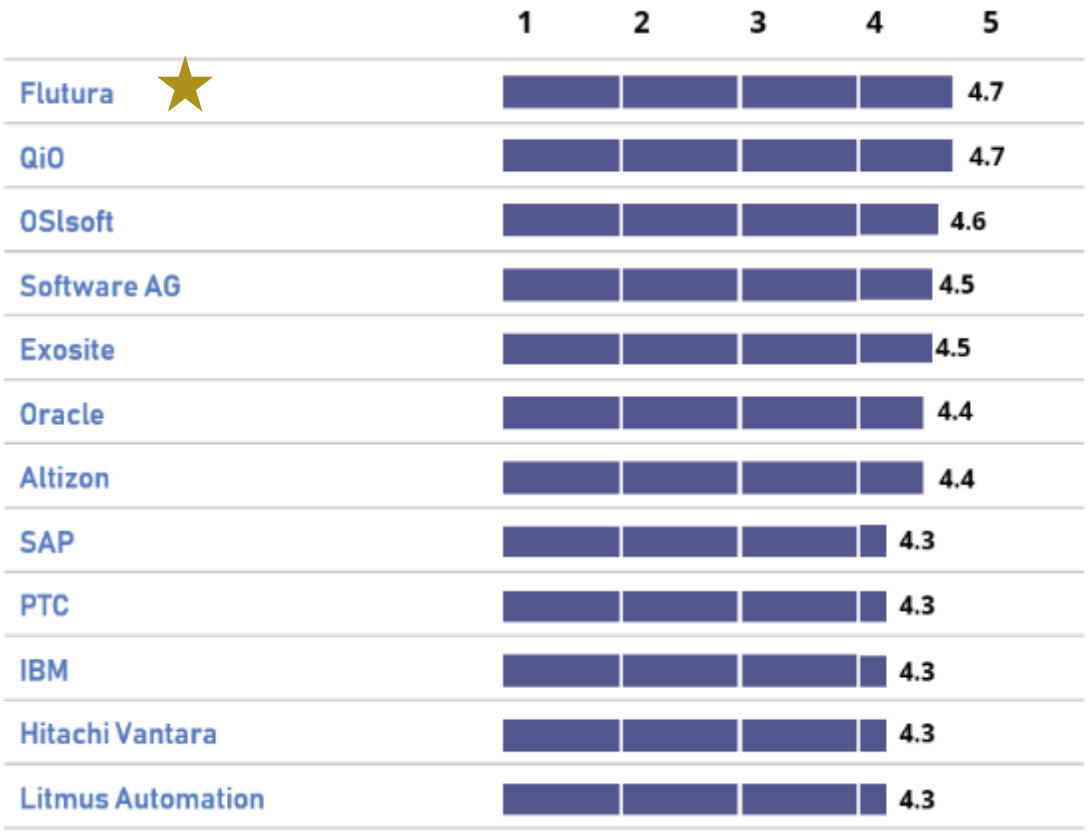
VP Digital Operations in a O&G Industry

I am really amazed how they have been able to ***Scale up their solution across multiple lines globally*** *in such a short time*

Global Head Digital Operations, Process Manufacturing

Cerebra's ***Analytics Capabilities*** *And Their* ***Agile Implementation*** *Approach Are Impressive*

Senior Manager R&D , O&G Industry



Source: Gartner Peer Insights, Excluding names with <10 reviews

Gartner

"Congratulations ! Flutura is the HIGHEST ranked vendor in the Voice of the Customer research for Industrial IoT ! "

Thank You

Nothing delights us more than winning your Trust