MOBILOGIX
...INFORMED DECISION MAKING

BRAINCORP

Overview

BrainCorp, a leading US-based AI company, partnered with Mobilogix, the world's leading provider of asset management and data optimization solutions, to better monitor and manage the company's self-driving floor care vehicles.

BrainCorp recognized Mobilogix' proven expertise and success in building custom IoT solutions and their agreement involved making an innovative, high-speed, high-capacity, and a cost-effective solution that would improve connectivity and communication between terminals of these robotic vehicles through artificial intelligence.

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–Mathi Gurusamy, CEO, Mobilogix

The Challenge

BrainCorp with its autonomous self-driving, floor-scrubbing vehicles, revolutionized the cleaning industry. However, maneuvering problems such as obstacle detection, object identification, network connectivity, as well as protection & safety from theft and damage, etc. left the company searching for a better way of tracking and managing its assets. BrainCorp reached out to Mobilogix for a customized, cost effective solution to improve device maneuvering and monitoring.

"BrainCorp came to us with a very unique, but important issue," says Mathi Gurusamy, CEO, Mobilogix. "Existing solutions were too expensive and difficult to manage for such a large-scale implementation. We are happy to have come up with a solution that not only addressed BrainCorp's initall quandry, but several others as we moved through the development and implementation process."

Mobilogix designed a customized solution for BrainCorp's robotic floor-cleaning vehicles. The solution features a high-resolution 360-degree camera for seamless interaction with human beings. It flawlessly generates and manages precise data, enabling BrainCorp to better serve its customers by making improved decisions through enhanced asset management and data optimization.

"The solution Mobilogix developed for BrainCorp has been customized for our specific requirements and features unique functionalities that make device maneuvering and monitoring much easier," says Mark Jerger, CEO, BrainCorp. "The solution is very fast with high capacity and helps our self-driving products easily navigate and prevent collisions with obstacles. We could not be happier with what Mobilogix created."

The pilot project started with 10,000 units in 2018, which increased to 20,000 units in 2019, with a forecasted growth of 50,000 units by 2020.

BrainCorp Was Able To Realize Several Important Results:

- High-speed data transfer from machine to machine.
- High capacity communication terminal for artificial intelligence.
- Fast and error-free navigation across a large surface area.
- Significant drop in damage or loss due to collision with obstacles.
- Implementation of the solution in an increased number of vehicles.

brain corp