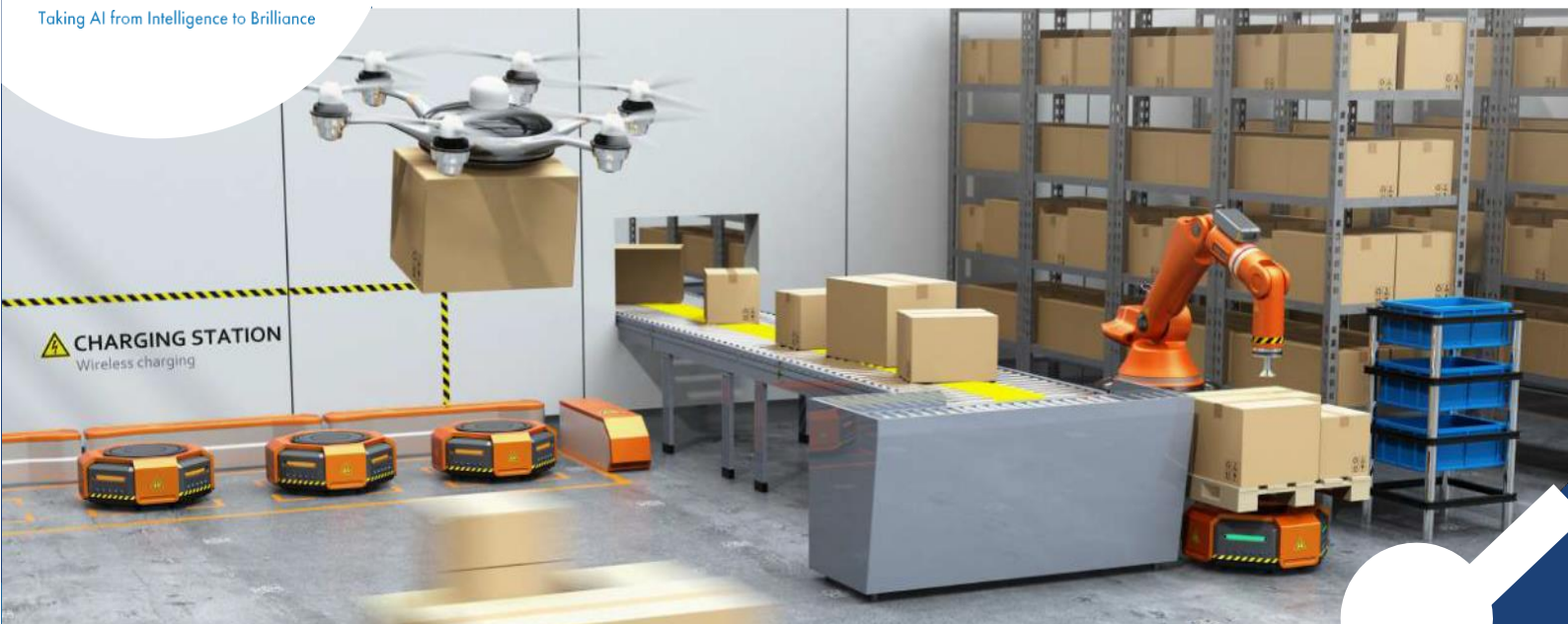# Brillianetor

Taking AI from Intelligence to Brilliance

Social AI:
Turning Robots into Teammates

Brillianetor's ground-breaking, patented Social Artificial Intelligence (AI) technology cultivates human collaboration and social awareness skills in industrial robots. Our platform and tools enable organizations to easily deploy robots capable of efficient and robust teamwork, with rapid setup and development, increased production speed, reduced time requirements and significantly lowered costs.

The Challenge

To achieve greater efficiency and reliability, Industry 4.0 has shifted from single to multi-robot operations yet, their deployment presents several challenges:

. Lengthy and costly deployment
. A lack of flexible solutions to unanticipated events (malfunctions, delays, etc.)
.Inefficient utilization of robots and resources (performance of steps sequentially and not in parallel, failure to optimize real-time task assignment between robots etc.)
. A lack of user-friendly tools and platforms

Our Solution

Brillianetor's social AI plug-in software is based on decades of research modelling the human brain's collaborative capacity, as it can be applied to all types of robots. This enables them to cooperate and communicate with other robots autonomously, react to unexpected events, make collective decisions and act together to optimize performance.

Key Benefits

. **Minimal Setup & Costs:** Easy, quick deployment of any multi-robot system; > 90% savings in setup and development time

. **Real-time adaptability:** A collective response to unexpected events, reduced downtime; > 20% reduction in downtime

. **Efficient utilization of resources:** An increase in production speed with fewer resources and less real estate space; > 20% increase in production speed

. **Plug & Play and user-friendly tools:** Easy control, monitoring and integration with any type of robot

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