Supply Chain 4.0 vs Supply Chain 5.0: Where Man and Machine Meet

Supply Chain 4.0 Leverages Machine Efficiency

For many companies, Supply Chain 4.0 made it possible to evolve towards newer ways of doing business. Artificial Intelligence, Blockchain, and Cloud Computing are just a few examples of technologies that allowed enterprises to shift into hyperdrive, allowing faster transactions, more flexible operations, and more involved services.

However, while machines were already doing the heavy lifting, humans were sometimes left behind. The advent of the post-pandemic world has highlighted the need to bring the human touch back into the supply chain. This is where supply chain 5.0 steps in.

Supply Chain 5.0 Brings Back “The Human Touch”

The main idea behind Supply Chain 5.0 is to reintroduce human intervention into the equation. In other words: humans and machines working in tandem for more efficient, higher quality results. Robots, while exponentially faster and more precise than humans in many tasks, are far from perfect. And where they fall short, humans can take the helm.

NVRM: The Need for Data

In a global supply chain, businesses are always striving to get the crucial data to the right people at the right time. Without reliable data, neither man nor machine can effectively make decisions.

Where Man & Machine Meet

In supply chain, NVRM can sense it and enable the required response. It’s not enough to have data, it must be structured and contextualized in analyses, predictions, or decisions. Whatever factor is influencing the supply chain, NVRM can sense it and enable the required response. Whatever factor is influencing the supply chain, NVRM can sense it and enable the required response.

NVRM Features

- Network Visibility
- Alerts
- Inventory Optimization
- Faster Delivery
- Inventory Accuracy
- Supplier Management
- Forecasting

NVRM Benefits

- Improved Inventory Forecasting
- Faster delivery
- Optimal inventory levels
- Lower spending
- Reduced downtime
- Better service

The Need for Data: Where Man & Machine Meet

Mareana’s Network Visibility and Risk Management (NVRM) helps businesses to reevaluate the way they handle their inventory, heralding new opportunities for the future. With NVRM, businesses can cut unnecessary expenditures by reducing oversupply and maximizing labor efficiency. Companies have access to better distribution strategies and infrastructure.

In a pandemic world, businesses are already starting to see the benefits of NVRM. From better distribution on edges and at edges, forecast accuracy, and supplier management, NVRM is the answer to the 21st-century supply chain’s needs.

About Mareana

Mareana is a leader in AI and data science with enterprise software generating insights for manufacturing, chemical, food & beverage, and general manufacturing industries. We have delivered over $1 billion in economic value to global leaders in life science, consumer goods, chemical, and general manufacturing industries.

Our commitment to continuous innovation has been recognized by Gartner, who named us a “Cool Vendor in AI” and we have been featured as a thought leader in Silicon Review and Manufacturing Insights Magazine.

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