

Case study

\$1 million average cost savings after first year using MS Force

50+ manufacturers used MS Force in 2020 to advance transparency among supply chain tiers 1, 2, and 3

Overview

Dusty days of paper, old-school spreadsheets, and gripping to clipboards are over. MS Companies brings together everything required to build data and quality infrastructures for manufacturers so they can input data, find patterns, and output fixes.

Real-time data is now fully visible to OEMs anywhere in the world when supply chain tiers 1, 2, and 3 flow through MS Force, our own cloud



technology with mobile apps and dashboards. In 2020, MS Force improved transparency, communication, and performance in supply chains for more than 50 manufacturers averaging them a cost savings of \$1 million.

Challenge

Slow communication and old data processing methods missed opportunities and lost money for manufacturers.

- **Old habits:** Manufacturers came to us stuck in the old ways of doing things with analog methods that isolated data and slowed down decisions.
- **Lack of visibility:** Without a centralized platform like MS Force, manufacturers tried to tie their data manually from multiple areas. Finding patterns, identifying problems, and taking action became an ongoing task.

Manufacturers come to MS Companies with a lot of the same problems. Some tired of receiving and manually filtering 21 reports a day to connect supplier data. Others flooded with issues of finding and paying invoices. One manufacturer needed 1,600 vehicles tracked by VIN within 45 days.

All of these problems penetrated production because MS Force wasn't there to centralize data in one place.

And yet, all of these problems were solved within a matter of days by implementing MS Force. Most of these manufacturers were struggling to find the right data at the right time to make the right decisions. Centralizing data and utilizing technology tools like MS Force mobile apps, Heat Maps, and Scanners became critical components to improving manufacturing.

Solution

MS Force integrated into operations at manufacturing locations and across supply chain tiers 1, 2, and 3.

- **MS Force apps:** Mobile apps, Heat Maps, and Scanners opened doors for workforces to input data on the manufacturing floor for parts inspections, assembly, sequencing, communication, and workforce engagement.
- **MS Force dashboards:** One cloud platform visualized all entries from MS Force apps to see patterns in the workforce, performance, and supply chain to investigate root cause and launch countermeasures in real-time.

Real-time data leads to real-time results. Manufacturers discovered that their information about inspections, suppliers, PPM details, jobs, parts defects, invoicing, work instructions, and workforce became visually available to monitor with MS Force.

Problems are found faster with MS Force apps and corrected. Root cause analysis is made easier thanks to real-time data in the MS Force portal.

Supplier performance is now made visible with MS Force showing that the best possible outcomes are being met, and that communication with each necessary party is improving. Potentially disruptive situations are avoided completely with MS Force, projects are completed ahead of schedule, and workforces improve their daily engagement and performance.

Results

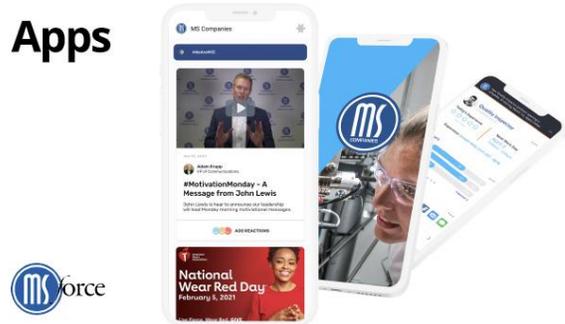
Over 50 clients utilized MS Force, inputting millions of data, and saving millions of dollars in costs.

\$1M

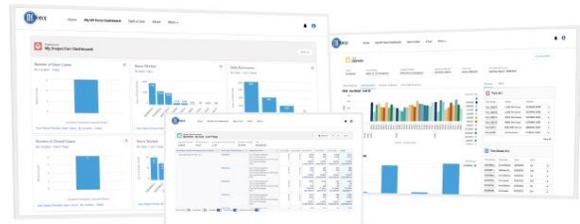
savings after first year

Money saved: MS Force helped the bottom line of each client in 2020. MS Force users saved \$1 million in costs on average after one year.

Apps



Portal



50+

companies using
MS Force

Companies using MS Force: MS Companies helped over 50 manufacturers and suppliers achieve their goals by centralizing data into MS Force.

Results of one centralized platform that brings data in from the ground floor through mobile apps, Heat Maps, and Scanners show continuous manufacturing improvement, money saved, and KPI success. MS Companies integrates MS Force into all our service offerings: Advisory Services, Quality

Support, Inspection & Containment, VAPS, and Talent Management.

MS Force is started easily at any location with any workforce size and doesn't require connection to servers because it's all on the cloud.

Conclusion

MS Companies helped 50+ manufacturers save an average of \$1 million by the end of 2020 by replacing old habits and data isolation with MS Force to visualize data instantly, manage part defects in real-time, and centralize decisions from one cloud platform anywhere in the world for faster business insights.

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