

Industry 4.0

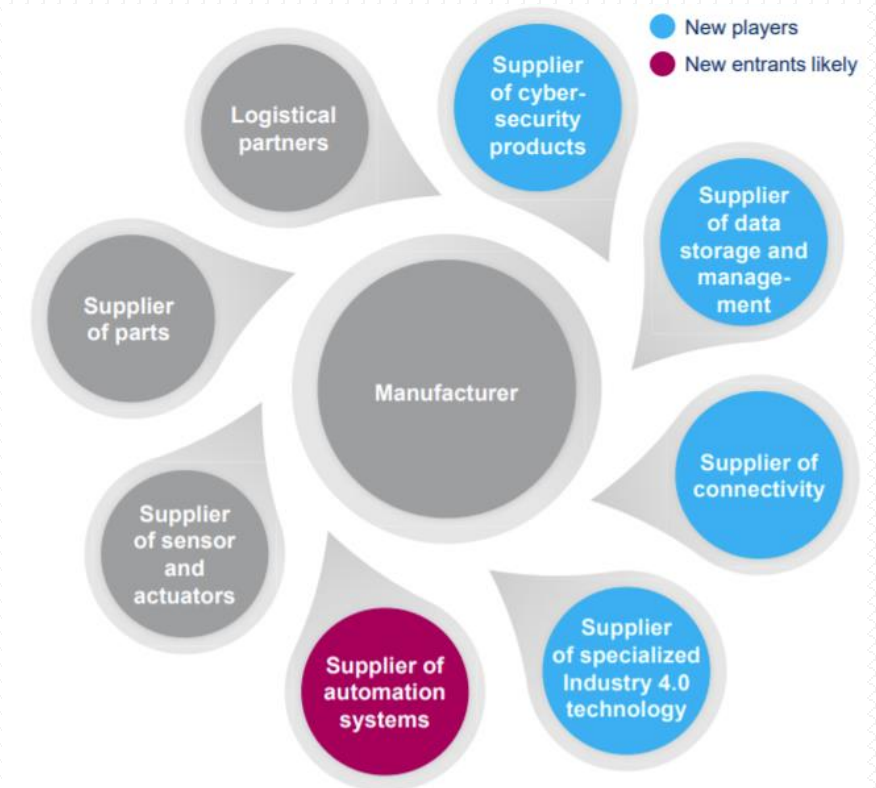
Stranded supply chains, raw material shortages, drop in demand and unavailability of workers are the most common challenges for the struggling manufacturing sector during this pandemic. As the sector is getting adjusted to the new normal, executives are grappling with the longer-term question: How will manufacturing and its supply chains look after COVID-19? Answer - Industry 4.0 will address the challenges

Industry 4.0 technologies will transform the manufacturing. Out there thousands of start-ups coming up with promising technologies related to augmented reality, predictive maintenance, cyber security, big data, AI, cloud computing, 3D printing, advanced robotics, IoT, digital twin, etc. Further, disruptive technologies of Industry 4.0 usher in new opportunities for digital integration and data-driven services. As a result, new business models are arising around novel value propositions.

Collaboration with these start-ups, successful deployment of the technologies, adopting to new business models are key for the future of manufacturing sector. However, challenges exist in identifying the right partners, business models, successful deployment of these technologies.

We at DHI-QUEST help organizations to find right partners through our opportunity scouting model, also provide insights on new business models (pay by usage, platforms, IPR, data driven, etc.) that are evolving with Industry 4.0.

Competitive landscape for the traditional manufacturing value chain will fundamentally change with new players/ entrants



SOURCE: McKinsey

DHI-QUEST is a global research and advisory company providing strategic advice and ongoing intelligence for emerging markets and technologies.

We help our clients across different functions and roles including R&D, product or process development, strategic planning, marketing and sales (commercial), and corporate strategy teams to discover new opportunities and formulate evidence-based strategies. We embrace client confidentiality and data protection policies.

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