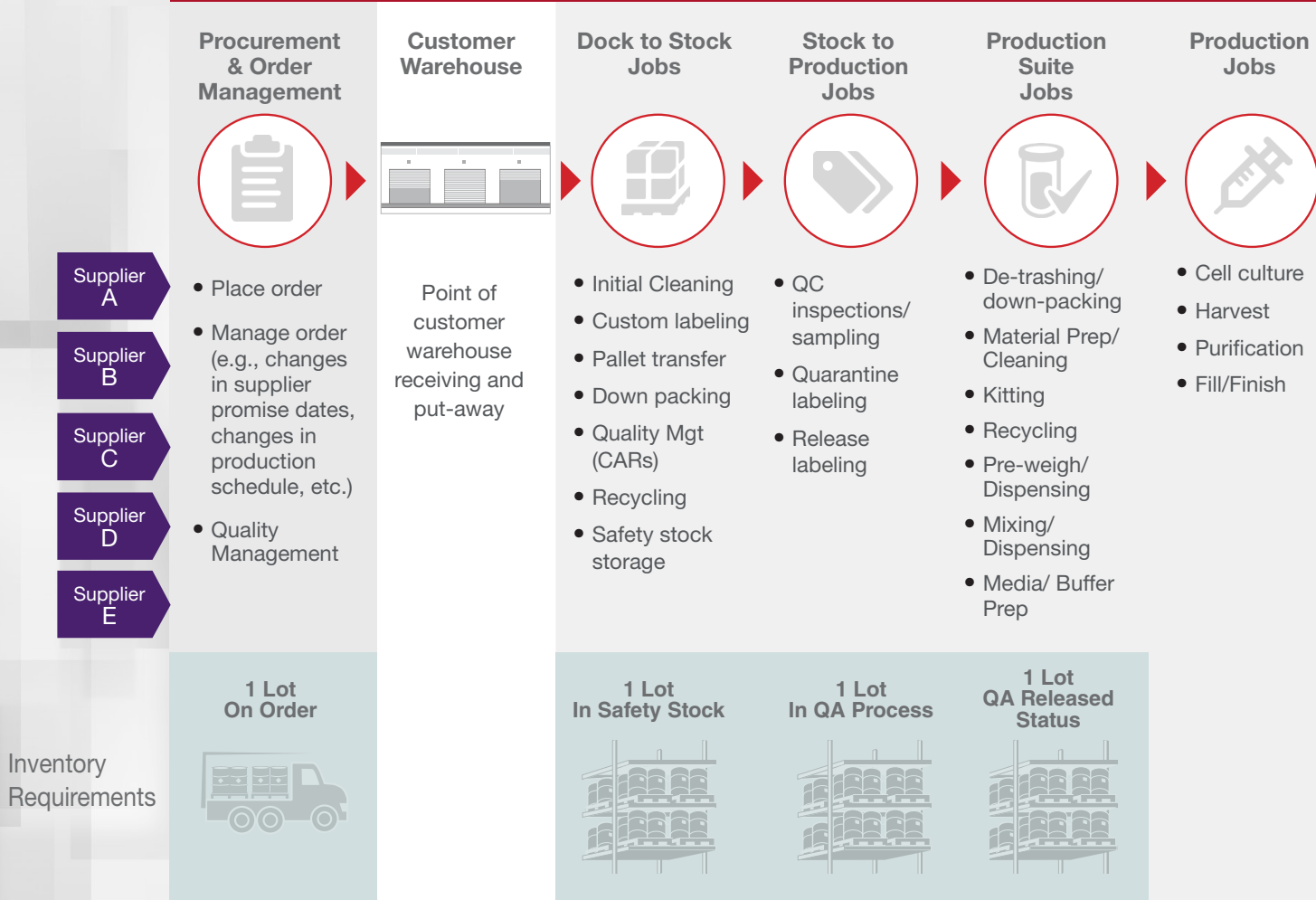


Bioprocessing Production

cGMP[®] Production Chemicals and
Direct Material Supply Chain Solutions



Customer Direct Material Supply Chain Activities






Thermo Fisher Scientific Direct Material Services








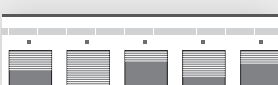










Total Cost of Ownership

– Customer vs. Thermo Fisher Managed

Customer Managed

	Customer cGMP Warehouse Capacity Requirements	Customer FTE* Resource Requirements	Customer \$ in Inventory
Direct Supplier & Materials			

Thermo Fisher Managed

	Customer cGMP Warehouse Capacity Requirements	Customer FTE* Resource Requirements	Customer \$ in Inventory
 cGMP Distribution Services			
 Assurance of Supply Services			
 Warehouse Efficiency Services			
 Production Ready Services			

* FTEs include Sourcing, Supplier Management, Order Management, Quality Management, Warehouse

Doe & Ingalls, a Thermo Fisher Scientific brand, works with biologic developers and manufacturers who want to do what matters most, innovate and produce life-changing therapeutics. With over 30 years of experience delivering production chemicals and direct material supply chain solutions, we deliver risk mitigation, improved operational efficiencies, and reduced total cost of ownership so our customers can accelerate their speed to market, speed to clinic, and improve productivity.

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*Certified ISO 9001:2015 Quality Management System incorporating applicable elements of 21 CFR parts 210 & 211 and The IPEC Good Distribution Practices Guide.

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