They pursue three

key initiatives that require new
business capabilities along
the value chain leveraging the
digital core.

In the experience economy, Life Sciences companies must reimagine their business, leveraging customer experience and operational data given disruptive competition, patent expiries, and margin erosion.

Payers, providers, and patients all require improved therapeutic outcomes at a lower cost, as
patient centricity is key with focus on customer and brand experience.

 Life sciences companies must use digital technologies to drive revenue through greater insights and collaborative partnerships, leveraging employee experience.



digital core.			patient centricity is key with focus on customer and brand experience.			insights and collaborative partnerships, leveraging employee experience.			
			R&D/ Engineering	Strategic sourcing and procurement	Demand-driven supply network	Compliant manufacturing	Multichannel sales, marketing, and service	Human resources	Finance
10)	proved customer itcomes	de ar Co ar Er va da	evice usage and incident reports collect structured requirements based on customer and design partner interactions chable regulatory compliance and reporting and reportin	 Orchestrate service delivery from value-chain business partner organizations Enable an agile and responsive manufacturing network Collaborate with suppliers to gain visibility on 	 Enable demand-driven collaborative supply networks Track and trace individual products Enable agile, cost-effective supply network execution for direct-to-customer fulfillment Apply innovative blockchain solutions to enable wholesale distributors in the U.S. to comply with serialization regulations Ensure product returns feedback has influence on the supply chain 	 include goods coupled with services based on real-time customer demand Extend the agile process to include management and delivery of physical goods with high quality, maintaining process consistency Have the ability to manufacture individualized lot 	 Transform value propositions to desired outcomes Capture "in-the-moment" customer feedback to better understand emotions and sentiments Enable contextual customer engagement Deliver a best-in-class commerce platform Enable advertising campaign effectiveness Productize new service and revenue models Maximize customer experience and satisfaction across all channels 	training programs to upskill new hires Find and contract talent with specific noncore skills to	 Develop innovative spend models for products delivered as services Implement AP and AR accounting approaches for products delivered as services Ensure omnichannel solution selling Enable pay-per-use models for smart products Personalize payment options for seamless use across all sales channels Manage access, risk, and compliance
	rganizations ompeting as an cosystem	er de Us re Co op	se sensors to prompt manufacturers to replace, plenish, or repair in real time ollaborate internally and externally through a single	Enable procurement strategies for third-party services	 Ensure mixed manufacturing schedules become agile and flexible through ongoing, real-time data sharing with global supply networks Analyze KPIs, identify supply chain risks, and create alerts all in real time across the entire value chain Ensure transportation management leverages a logistics business network for real-time visibility across third-party logistics providers 	 Couple and decouple with partners seamlessly across physical and virtual networks with real-time exchange of quality and maintenance information to meet market needs Collaborate in real time across functions and with contract manufacturers and suppliers to orchestrate outcomes in moments of need Minimize production disruptions using SAP Asset Intelligence Network 	 Enable previously unviable partner ecosystems to orchestrate personalized information, offers, and services tied to consumption, use, and market need Access and analyze structured and unstructured data from multiple channels Optimize engagement along the customer buying journey Enable faster and more efficient crowd service 	 Train and certify the workforce on new digital technologies Work with universities and external entities in a flexible way Manage external contractors in a flexible way Enable flexible work teams with knowledge sharing and community building Turn new hires into ambassadors 	 Enable including payment models for digital services into product calculation and financial reporting Manage increased financial risks associated with highly flexible supply chains and manufacturing operations Rapidly assess the impact of new ventures and joint customer initiatives on the overall portfolio, using multilevel what-if simulations
cha	gital supply ain and nart factory	se in Market ar Ut	ervices and engagement, embedding them into novation processes aximize access to and reuse of intellectual property	 Ensure the supplier network is mobilized to respond to small or individualized lot-size production Enable a flexible supplier network for rapid order fulfillment across geographies React faster to demand changes with pattern-recognition-based algorithms during sourcing 	 Combat the production of counterfeit drugs to ensure patient safety and brand protection through the ability to track and trace original products throughout the supply chain Preserve and protect valuable biologics from temperature incursions during shipment 	 Enable the digital plant – use predictive models to maximize asset uptime and minimize maintenance costs Analyze manufacturing planning and execution through simulations and predictions at any level of granularity Track time out of refrigeration and temperature to ensure better-quality biologics 	 Enable increased personalization of products as well as highly personalized content, information, and offers Align information and offers to customer preferences, and present them at the moment of need Engage patients along the entire path to purchase 	 Onboard and train employees quickly and seamlessly Empower employees to make decisions in real time Identify, forecast, and address skill gaps Enable a higher employee-engagement experience through total rewards 	 Perform simulations and what-if analyses on cost and profit drivers for cost optimization plans Test the impact of your decisions to find the scenarios that offer the greatest business benefits Optimize working capital
Typical b	ousiness benefits*	• F	New products revenue: +10% to +20% R&D cost: -20% to -30% Production meeting revenue targets: +15% to -20%	 Process function cost: -15% to -20% Worker acquisition time: -30% to -40% Days payable outstanding on targeted spend: -2 to -5 	 Cost due to stock-outs: -20% to -25% Days in inventory: -10% to -12% Total logistics cost: -10% to -12% 	 Total manufacturing cost: -10% Manufacturing cycle time: -10% Inventory levels: -25% to -30% 	 On-time delivery: +10% to +20% Service delivery cost: -4% to -5% Customer satisfaction: +10% to +20% 	 Time and attendance function cost down HR FTEs: -44% 	 Days to close annual books: -40 to -50 Budget and forecasting cost: -25% to -50% Audit cost: - 20% to -40%
Experience	erience qualtrics.		customer expe	rience	product experience		brand experience	employee experience	
\	Analytics:		Augmented business intelligenc	ee	Collaborative planning		Predictive analytics		Data warehousing
	Intelligent technologies:			Data-driven insights	Intelligent robo	otic process automation	Conversational Al	Internet of Thin	gs, cloud and edge
́Ц`	Database and data manage		Data pipelining	Data virtualization	Data governance	Storage and processing	Connection management		etadata management
Intelligence	Application development and integrate			Integration suite	Intelligent busin	ess process management	Enterprise extensions	is	Digital experience
Operations	SAP S/4HANA®	• P	roduct development and project control roduction engineering ariant configuration mbedded sales warehouse management	 Operational purchasing Collaborative sourcing and contract management Invoice and payables management Supplier management Procurement analytics 	 Inventory and basic warehouse management Production planning (enhanced material requirements planning) Real-time inventory management Multilevel goods receipt 	 Production orchestration and execution Enhanced material requirements planning Quality management 	 Order and contract management Sales order fulfillment cockpit Service management Settlement management Service spare parts and agreements 	Time recording	 Accounting and closing operations Core accounting Cost management and profitability analysis
		- C	nterprise portfolio and project management ommercial project management ompliant product lifecycle management		 Response and supply orchestration Advanced order promising (AATP) Constraint-based production planning Production scheduling 		 Sales planning and performance management Billing and revenue innovation management 		 Financial planning and analysis Accounting and financial close Treasury management Receivables management Invoice management and accounts payable
	Business areas	PMPG	ngineering control center roduct lifecycle management and visual enterprise laster data governance roduct data submission management llobal batch traceability llobal trade services	 Spend visibility Collaborative sourcing Collaborative supply chain Procure to pay 	 Advanced track and trace for pharmaceuticals Integrated business planning Service parts planning Extended warehouse management Global batch traceability 	 Manufacturing execution Manufacturing integration and intelligence Visual manufacturing planner 	 Commerce cloud Sales cloud Marketing cloud Service cloud Configure, price, quote and billing 	 Core human resources and payroll Talent management Time and attendance management Human capital analytics Learning management 	 Business planning and consolidation for S/4HANA Shared service framework Lease administration Governance, risk, and compliance Digital payments add-on
				SAP Ariba // SAP Fieldglass (() SAP Concur C				SAP Fieldglass SAP Concur SAP SuccessFactors	SAP Concur C SAP Ariba