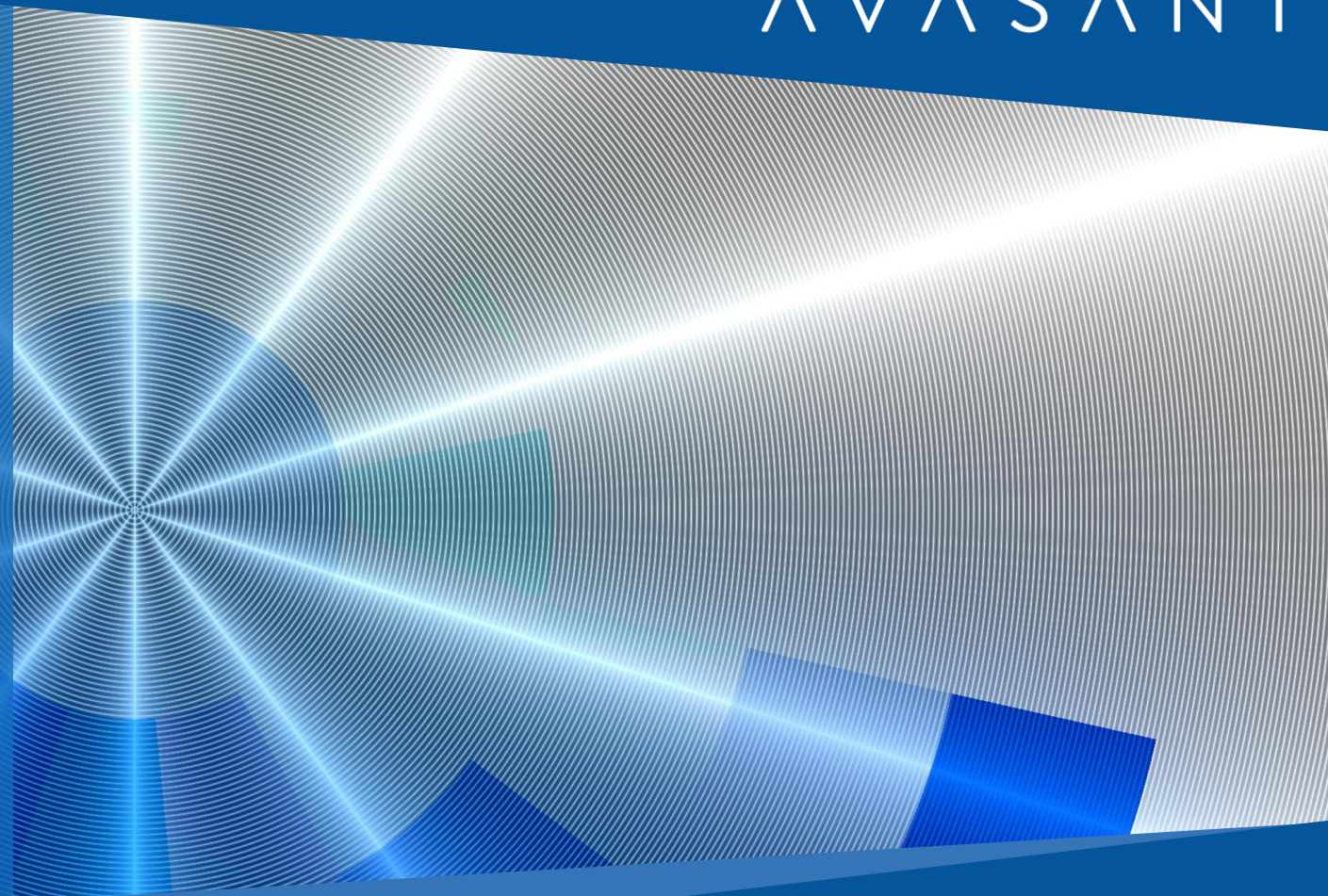




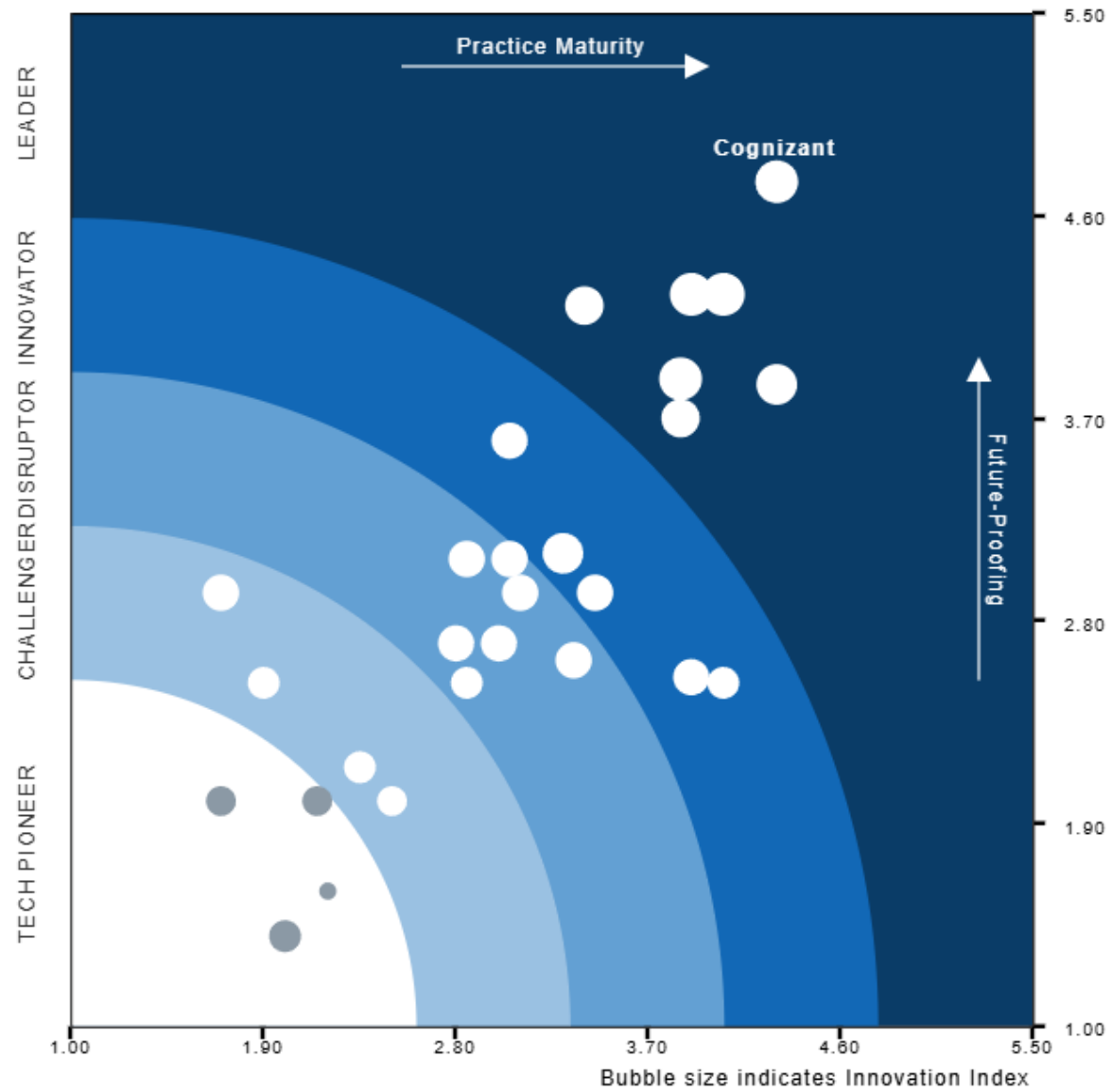
Life Sciences Digital Services 2026 RadarView

Advancing life sciences through AI
innovation

March 2026



Life Sciences Digital Services 2026 RadarView - Preview



Cognizant: RadarView profile



Practice overview

- Practice size: N/A
- Active clients: 600+
- Delivery highlights: N/A

>\$2B

Life sciences revenue, FY 2025

>60%

Digital revenue share from life sciences

Industry-specific solutions/offerings

ODIN	A historian data tool enabling real-time and on-demand data egress for machine learning across multiple platforms
LabVue	A laboratory planning and management tool, with real-time data extraction, contextualization, visualization, and insights
Pi Vision Alarms Add-in	A PI Vision symbol that parses alarm events into tabular displays with PDF and CSV export options
OptiTech	A generative AI solution converting business requirements into structured test cases and automated scripts for supply chain platforms

Sample clients

- A Swiss pharma company
- A US medical device company
- A global biotech company
- An American multinational biopharma company
- A global biotech firm
- A German pharma company
- A British multinational pharma and biotech company

Practice maturity ★★★★★

Future proofing ★★★★★

Strengthens life sciences manufacturing through AI-enhanced MES frameworks and compliant digital production systems enabling smarter and more agile operations

Partnerships/alliances

<p>Delivered end-to-end modernization and managed services through the Cognizant Microsoft Business Group, leveraging Azure and Copilot to accelerate digital transformation</p>	<p>Combined Palantir Foundry and AIP with Cognizant's TriZetto platforms to enable secure, scalable AI transformation across industries</p>
<p>Leveraged Salesforce Health Cloud to drive omnichannel HCP engagement, modular content delivery, and consent management</p>	<p>Integrated Devin AI engineer with Cognizant Flowsource™ to modernize applications and enhance engineering productivity</p>
<p>Enabled organizations to scale, modernize, and improve operational agility by delivering strengths with AWS's reliable cloud infrastructure and services</p>	<p>Accelerated AI transformation by combining Cognizant's expertise in data, modernization, and generative AI capabilities</p>

Value chain coverage

R&D/drug discovery
Preclinical & clinical trials
Manufacturing
Procurement & supply chain
Sales & marketing
Patient support & pharmacovigilance
Regulatory & operations

Darker color indicates higher value chain concentration: ●●●●●

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Client	Capability	Summary	Business impact
A Swiss pharma company	<ul style="list-style-type: none"> AI Analytics 	<ul style="list-style-type: none"> The client had contracts scattered across shared drives, emails, legacy tools, and paper files, leaving no single source of truth and inconsistent versions. The client often missed critical obligations and renewal dates due to manual tracking and poor metadata quality, creating financial and compliance risks. Cognizant established a unified CLM platform using Sirion, consolidating over 15,000 contracts and counterparties into a centralized repository with AI-driven extraction. It also implemented a standardized authoring framework with templates, clause libraries, workflows, and integrations with SSO, DocuSign, and Veeva. 	<ul style="list-style-type: none"> Achieved 40%-60% faster contracting and 50%-70% reduction in manual effort Delivered 100% contract visibility with audit-ready structured data Reduced missed obligations through automated tracking and governance
A US medical device company	<ul style="list-style-type: none"> AI Automation 	<ul style="list-style-type: none"> The client faced misalignment on architectural decisions and business priorities, putting program timelines at risk. Complex instrument interfaces and heterogeneous integrations with SAP S/4HANA, Maximo, and ETQ created customization challenges across sites. Cognizant extended the LabVantage LIMS PaaS hybrid solution and structured the program into three release clusters. It repurposed the new functionality developed at one site across other sites to ensure harmonization. It also introduced automation through API integrations, CI/CD pipelines, and structured master data verification. 	<ul style="list-style-type: none"> Achieved more than 40% reusability of functionality and master data across sites Delivered 100% data accuracy enabled by API-based integration Reduced testing effort by over 30% through automation
A global biotech company	<ul style="list-style-type: none"> AI ML 	<ul style="list-style-type: none"> The client needed faster and scalable creation of control system specifications and recipe design documents for new product introductions. The existing process was manual, time-intensive, and dependent on subject matter experts, leading to inconsistencies. The client required a repeatable and accurate AI-enabled mechanism to accelerate specification development. Cognizant built a multiagent AI-driven solution delivered in three stages, beginning with a POC to auto-generate seed bioreactor specifications. It expanded the solution to auto-generate recipe code and scale across upstream and downstream processes. 	<ul style="list-style-type: none"> Achieved over 50% reduction in design specification development time Ensured a faster generation of recipe and functional specifications Reduced cost and time for configuring and commissioning DeltaV systems
An American multinational biopharmaceutical company	<ul style="list-style-type: none"> AI Cloud 	<ul style="list-style-type: none"> The client wanted to reduce dependency on managed packages and license costs while addressing technical debt and governor limit constraints. Existing systems lacked a scalable architecture to support streamlined operations and governance. Cognizant implemented Salesforce Life Sciences Cloud with modules such as Enrollment and Patient360, supported by MuleSoft integrations and Databricks migration. It also established an API-led architecture and governance model with Copado deployment management. 	<ul style="list-style-type: none"> Achieved over 80% out-of-the-box capability, ensuring scalability, standardization, flexibility, and faster value realization Reduced brand onboarding time from two months to two to three weeks Delivered centralized data that improved compliance, operational efficiency, and decision-making

Cognizant: RadarView profile

Analyst insights

Practice maturity



- Cognizant brings deep domain strength in life sciences manufacturing and regulatory transformation, supported by a strong technical foundation in MES and digital production systems. With extensive site deployments and specialized MES capabilities, the company enables advanced production scheduling, real-time shopfloor visibility, and compliant digital manufacturing frameworks.
- It delivers end-to-end life sciences solutions across R&D, clinical, regulatory, and manufacturing functions. Its capabilities span AI-enabled hit discovery and screening using QSAR and docking, biomarker discovery through multiomics pipelines, and clinical data management and EDC, supported by trial health analytics. It also enables regulatory interactions through Gen AI-based summarization integrated with Veeva Vault and supports manufacturing operations with AI-enhanced MES frameworks for production planning and scheduling.
- Its AI capabilities support *de novo* compound generation and molecular design, enabling protein structure prediction, CRISPR modeling, and drug repurposing. It uses predictive analytics and digital twins to assess safety and simulate outcomes and leverages NLP tools to extract scientific data and automate adverse-event triage.

Future-proofing



Partner ecosystem

- Cognizant integrates with life sciences platforms such as Benchling, BIOVIA ONE Lab, Veeva Vault, Argus, and ArisGlobal. These partnerships strengthen workflows across discovery, regulatory submissions, and pharmacovigilance, ensuring compliance and faster time to patient.
- It works closely with technology leaders, including Microsoft Azure, SAP, Oracle, and Salesforce, enabling enterprise-scale AI transformation, cloud-native innovation, and CRM-integrated sales enablement. In addition, collaborations with SurveyJS, MSB, and digital twin/OT-IT integration frameworks enhance digital manufacturing, analytics, and intelligent automation.

Investments and innovation

- Cognizant has invested \$1B in Gen AI and aims to achieve 50% AI-authored code within 12 months. Its Flowsource platform and NeuroAI decisioning suite integrate multiagent orchestration, supported by global AI Innovation Studios in San Francisco, London, Bangalore, Sydney, and Tokyo (upcoming).
- It inaugurated its Next-Generation Cyber Defense Center in Bengaluru to deliver AI-enabled, platform-driven cybersecurity services to global clients. In parallel, the company is developing a modern 8,000-seat campus in Visakhapatnam, planned for phased completion by 2033, to scale delivery capabilities and deepen worldwide client engagement.

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