

Harness the power of AI to deliver clinical insights

Advocate AI with CARPL

Our healthcare industry undergoes constant change. To remain competitive and positively impact patient care, healthcare providers must innovate. Providers unable to keep up with intelligent automation risk financial and operational challenges.

Benefits:

- **Access AI applications**
Standardize AI integration to ingest imaging and output to reporting systems.
- **Prepare de-identified cohorts.**
Tools and services preparing cohorts to assess operational and clinical goals for evaluation.
- **Leverage clinical and statistical analysis.** A framework for indepth exploration and clinical evaluation establishes AI acceptance and a baseline of expectations across the clinical care team.
- **Consistently deploy AI with a rules-based engine.**
Single platform for multiple AI integrations and management with support for ongoing monitoring of AI performance post-deployment.

Imaging is at the frontline of healthcare. Whether related to health screening, diagnostic investigation or therapeutic treatment, imaging services are the gateway to patient engagement. Yet, lower reimbursements and reduced service delivery capacity can impede patient care and retention.

In response to these challenges, imaging services are leveraging automation, streamlining communications and adopting artificial intelligence (AI). AI research and new capabilities in computing are advancing rapidly. Emerging offerings enable imaging services to increase productivity, deliver consistent results and improve patient outcomes as part of the return on AI investments.

AI and automation are being offered with rich promises. Adoption requires a targeted strategy, evaluation, validation and consistent deployment to ensure expected outcomes. To help organizations upgrade their capabilities and create a strategic advantage, NTT DATA partners with CARPL.ai to deliver a consulting services framework and a platform to boost the adoption of AI in imaging.

The framework of Advocate AI helps providers consistently contract and deploy AI tools across their enterprise using a single service and platform. Leveraging the tools and templates from our healthcare consulting service, we'll train your team and make sure your organization is ready to engage in a repeatable process at a lower cost than implementing individual solutions with inhouse resources.

Improve your medical imaging services with AI adoption using our four-step Advocate AI services framework:

- 1. Discovery:** Identify the clinical scenarios and appropriate tools for a specific patient population.
- 2. Exploration:** Expand your understanding of available AI and how they perform in your clinical setting. We'll share our resources and insights with your AI committees and innovation champions.
- 3. Validation:** Evaluate one or more algorithms for the same target area based on variables in your patient population and a mix of inpatient/hospitalbased services. Leverage data science to measure the statistical performance of the AI and use our platform for a side-by-side clinical assessment with your clinical system, the picture archiving and communication system (PACS).
- 4. Deployment:** Adopt a consistent toolset to deploy all AI tools and simplify integration. A standard methodology sets expectations internally, within your department, and downstream, with referring physicians and patients. Our framework supports measuring and monitoring performance postadoption for quality and KPIs.

NTT DATA is your AI advocate, from strategy and access to deployment. Our strong alliance with CARPL.ai enables your organization to discover and create new value from patient data. As your advocate, we'll engage your institution — at your discretion — and integrate it into our data cooperative to develop and conduct global trials on AI. This program/cooperative can also create license revenue back to your institution to help fund your AI adoption.

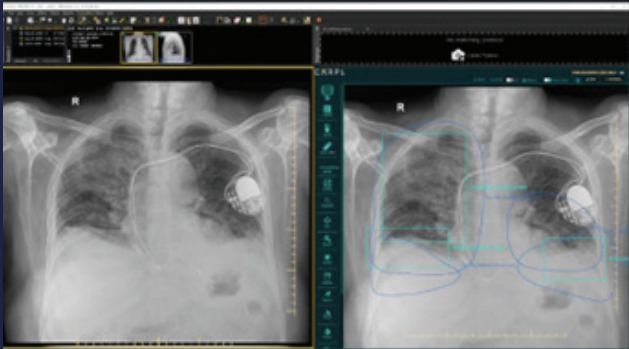
Choice: The NTT DATA and CARPL.ai framework with clinical and IT support, from strategic planning through enterprise adoption, helps boost AI adoption. Once in place, the platform and services make evaluating and adopting AI an incremental process. This approach reduces the time, cost and labor involved in evaluating, contracting and deploying AI.

Experience: Built by imaging specialists, the framework keeps physicians at the center of AI adoption. Gain from our team the clinical and technical confidence to adopt disruptive technology. Delivered through a single platform, our services allow you to track performance and evaluate subsequent releases of AI tools.

[Visit us.nttdata.com](https://www.nttdata.com) to learn more.

NTT DATA is a \$30 billion trusted global innovator of IT and business services. We help clients transform through business and technology consulting, industry and digital solutions, applications development and management, managed edge-to-cloud infrastructure services, BPO, systems integration and global data centers. We are committed to our clients' long-term success and combine global reach with local client service in over 80 countries.

Easy confirmation of AI (radiologist POV)



Integrated side-by-side option for AI results

Configuration capabilities:

- Rules-based workflow for AI processing and results presentation
- Common viewer for all AI result
- Simple process to accept, reject or modify AI results, which feeds platform quality control
- Vendor neutral
- On-premises or cloud-based software as a service

Transform: Imaging describes and documents a patient's health journey. Anything that impacts this primary diagnostic tool and record of health will influence the efficacy of care decisions. Our platform and approach allow you to easily evaluate emerging AI from our marketplace. This empowers you to shape your organization's AI practice with the most advantageous service and tools. Working with NTT DATA and our clinical partners, your organization and AI committees gain the strategic advantage to transform imaging services and impact patient care.

