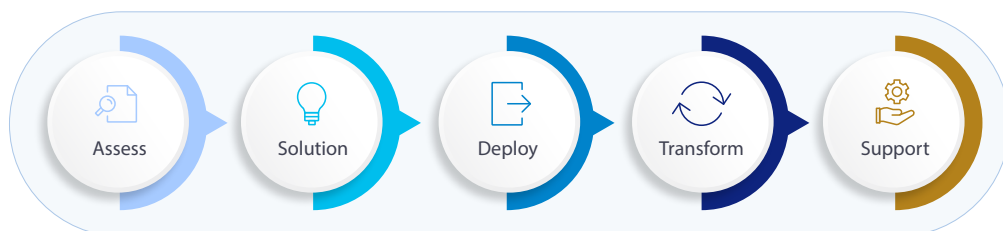# Tax Technology

Increased compliance requirements, reduced resources, and the challenges to access and use precise data are driving the need to increase the use of better processes and automation in today's tax organizations. The right combination of process and technology can reduce costs, improve organizational efficiencies and data control, enable improved planning and strategy development, and enhance visibility. However, implementing new solutions that solely focus on process and automation is only part of the benefits of selecting Ryan as your strategic technology partner. Ryan's global, cross-functional team of tax technology and deep tax experts can help your tax department deploy the right solution by understanding your process issues, technology needs, and areas of potential tax savings that drive organizational value throughout the implementation lifecycle and transformation process and beyond. Selecting Ryan as a strategic technology partner can help you realize significant savings in managing tax risks and overall administration costs and achieving previously unrecognized tax-saving opportunities.

Our Approach

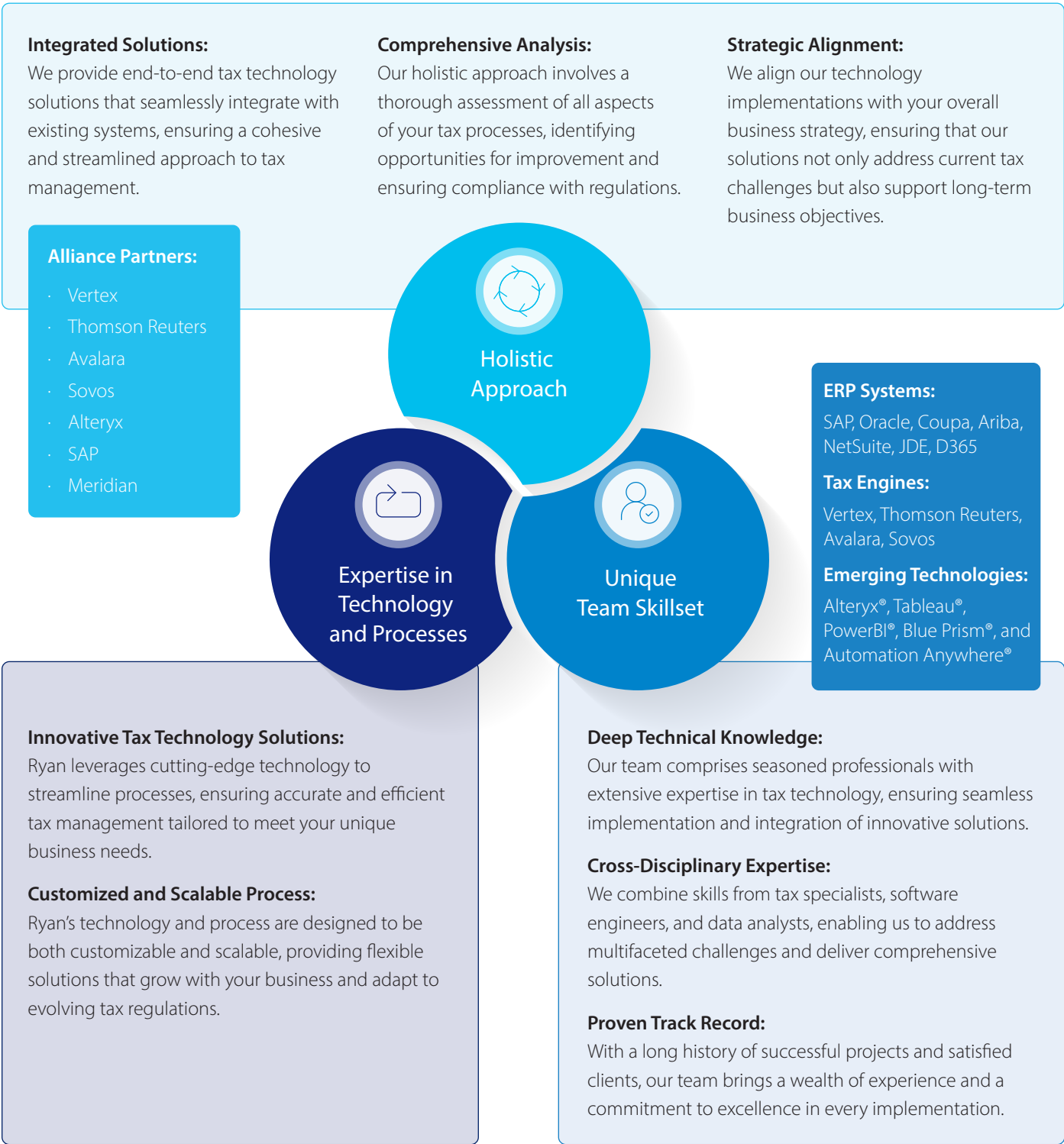| Assess | Solution | Deploy | Transform | Support |

At Ryan, our approach begins with understanding our clients' organizational objectives, recognizing departmental needs with potential constraints, and developing a roadmap providing solutions that are both tactical and strategic. These solutions include implementing third-party technologies, maximizing existing enterprise technology, and instituting process changes that provide holistic accuracy and effectiveness to the underlying problems. We also integrate organizational change management that increases the adoption of the deployed solution. Our goal is to establish ourselves as strategic partners with our clients, ensuring the continued impact of our solutions on their organizations by providing technological expertise, tax subject matter knowledge, and industry thought leadership.

Problems We Solve

- *Updates, upgrades, and new tax engine implementations from requirements to post-production maintenance support*

- *Incorrect tax calculations generated from tax engines*

- *Enterprise resource planning (ERP) and connector configurations to maximize tax engine functionality*

- *Reducing hours for preparing compliance data used for reporting and general ledger reconciliation*

- *Aggregating and processing data currently performed manually*

- *Digitizing data from PDFs and aggregating into tables that can be used for analysis or other purposes*

- *Creating and automating audit support datasets*

- *Developing dashboards for various datasets*

- *Reviewing processes and technology to determine the most effective way of performing activities within the tax function*

- *Automating specific tax and business scenarios such as Multiple Points of Use (MPU) allocations*

- *Augmented intelligence for individual product items to product categories*

Why Choose Ryan?

By choosing Ryan, you are partnering with a team that not only understands your challenges but also possesses the expertise and dedication required to provide customized solutions that drive your business forward.

Integrated Solutions:
We provide end-to-end tax technology solutions that seamlessly integrate with existing systems, ensuring a cohesive and streamlined approach to tax management.

Comprehensive Analysis:
Our holistic approach involves a thorough assessment of all aspects of your tax processes, identifying opportunities for improvement and ensuring compliance with regulations.

Strategic Alignment:
We align our technology implementations with your overall business strategy, ensuring that our solutions not only address current tax challenges but also support long-term business objectives.

Alliance Partners:

· Vertex
· Thomson Reuters
· Avalara
· Sovos
· Alteryx
· SAP
· Meridian

Holistic Approach

Expertise in Technology and Processes

Unique Team Skillset

ERP Systems:
SAP, Oracle, Coupa, Ariba, NetSuite, JDE, D365

Tax Engines:
Vertex, Thomson Reuters, Avalara, Sovos

Emerging Technologies:
Alteryx®, Tableau®, PowerBI®, Blue Prism®, and Automation Anywhere®

Innovative Tax Technology Solutions:
Ryan leverages cutting-edge technology to streamline processes, ensuring accurate and efficient tax management tailored to meet your unique business needs.

Customized and Scalable Process:
Ryan's technology and process are designed to be both customizable and scalable, providing flexible solutions that grow with your business and adapt to evolving tax regulations.

Deep Technical Knowledge:
Our team comprises seasoned professionals with extensive expertise in tax technology, ensuring seamless implementation and integration of innovative solutions.

Cross-Disciplinary Expertise:
We combine skills from tax specialists, software engineers, and data analysts, enabling us to address multifaceted challenges and deliver comprehensive solutions.

Proven Track Record:
With a long history of successful projects and satisfied clients, our team brings a wealth of experience and a commitment to excellence in every implementation.

Our Services

Tax Process Assessment

Ryan's powerful "Assess, Advise, Transform" model can help build "best-in-class" processes and tax organizations. This simple but powerful three-stage approach enables Ryan to quickly assess your starting point and help you define your vision for the future with a plan of action to execute.

Assessing the starting point includes evaluating all core day-to-day activities supporting the function, technology, and processes used to complete critical tasks and ensuring the correct resource effort is used to execute the function. Assessments can be utilized to evaluate specific core activities, such as tax determination and tax compliance, or, more broadly, to evaluate the appropriate target operating model (TOM).

Global Tax Engine Implementation

Ryan applies our global experience and efforts to partner with the world's leading tax software vendors to help deploy tax software in the most strategic way possible. Our professionals assist with interface design and development, requirements gathering, blueprint, configuration, and testing through all implementation cycles. The Ryan team has deep implementation expertise in the most complex global tax jurisdictions, including Argentina, Brazil, China, India, Mexico, and Russia.

Software Vendor Selection

Ryan offers a structured, objective process to evaluate and select software vendors. Ryan works with your tax team to weigh each

of your company's requirements and develops a quantitative scorecard to be used during the vendor demonstrations. Then, our team helps you select the right tool and initiates the business case required to effectively realize change.
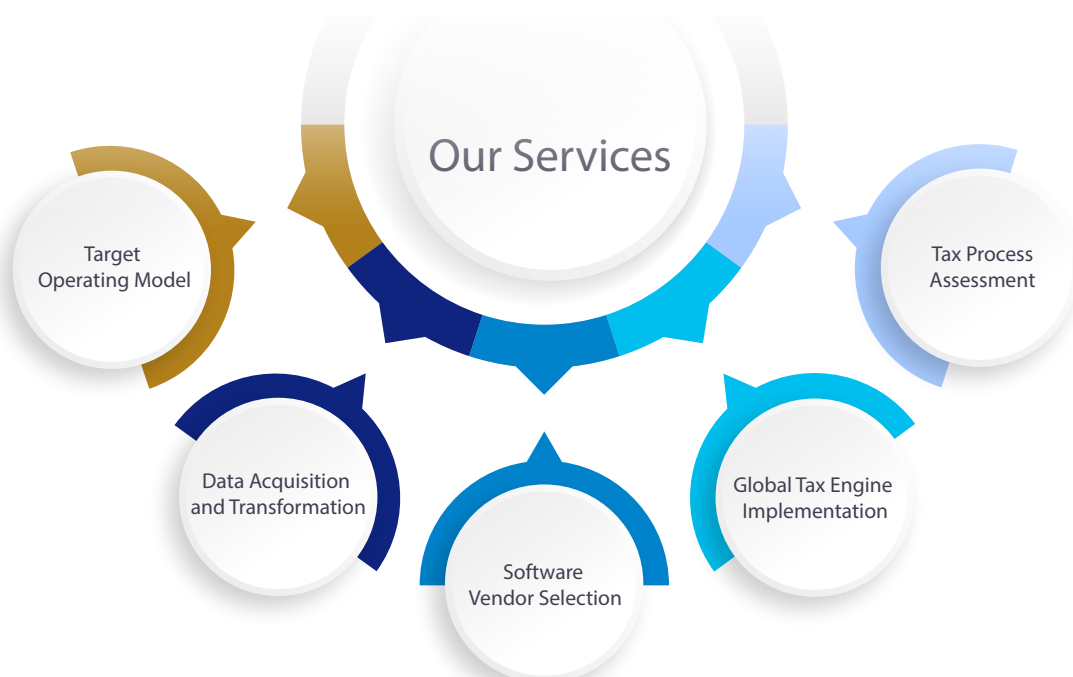
Data Acquisition and Transformation

Ryan's tax technology team members are experienced with leveraging emerging technology and applying innovative methods to solve complex data issues. Our use of Robotic Process Automation (RPA) and emerging technologies, such as Alteryx, Tableau, PowerBI, Blue Prism, and Automation Anywhere, allow our team to deliver solutions that provide significant reduction in client effort in its core activities.

We are continuously using latest technologies to assist with solutions for our clients, including machine learning and artificial intelligence. These critical technologies assist with the validation and integrity of the transaction data that is used for supporting the tax function.

Target Operating Model

Implementing technology and processes as part of transformation has a direct impact to the tax organization's operating model. Ryan not only provides TOM services that evaluate the impact of these changes but also presents an evaluation to a client's executive leadership of how the organization should look in a future state with all areas fully optimized with the technology and processes deployed.

Our Solutions

Ryan owns and supports a suite of industry-recognized technology solutions for improving the efficiency and effectiveness of your tax operations. With Ryan's suite of unique technology solutions and ongoing support, our experts are empowered to customize a solution for your company according to industry needs and desired business outcomes.

- ❯ eAnalytics™ for data analysis
- ❯ eCapture® for efficient invoice collection
- ❯ eExtract® for SAP® and Oracle® efficient data extraction
- ❯ eVendor Tax Variance® for SAP reconciliation
- ❯ Ryan eGoods Movement® for SAP automation of tax accruals
- ❯ Ryan Data Cleansing Services for SAP master data cleanup
- ❯ EU VRN Validation for mass validation of VRN numbers
- ❯ Ryan T-Rx™ for efficient requirements gathering and supply chain analysis
- ❯ Ryan HELIX for enhanced unit testing
- ❯ TaxDecision ERP for enhanced determination
- ❯ Withholding Tax Automation for customized automation

About Ryan

Ryan, an award-winning global tax services and software provider, is the largest Firm in the world dedicated exclusively to business taxes. With global headquarters in Dallas, Texas, the Firm provides an integrated suite of federal, state, local, and international tax services on a multijurisdictional basis, including tax recovery, consulting, advocacy, compliance, and technology services. Ryan is an 11-time recipient of the International Service Excellence Award from the Customer Service Institute of America (CSIA) for its commitment to world-class client service. Empowered by the dynamic *myRyan* work environment, which is widely recognized as the most innovative in the tax services industry, Ryan's multidisciplinary team of more than 4,800 professionals and associates serves over 30,000 clients in more than 80 countries, including many of the world's most prominent Global 5000 companies.

"We have had a strong partnership with Ryan for years. Now we have an opportunity to advance the value of AI for tax teams by combining Ryan's extensive tax expertise with the strength of the Vertex technology platform. Together, Ryan and Vertex demonstrate the power of our partner relationship and our commitment to providing comprehensive cloud solutions to support the entire tax process."

Chirag Patel
Chief Strategy Officer

⁄⁄ VERTEX

Ryan❯

Award-Winning Tax Services
For additional information
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