

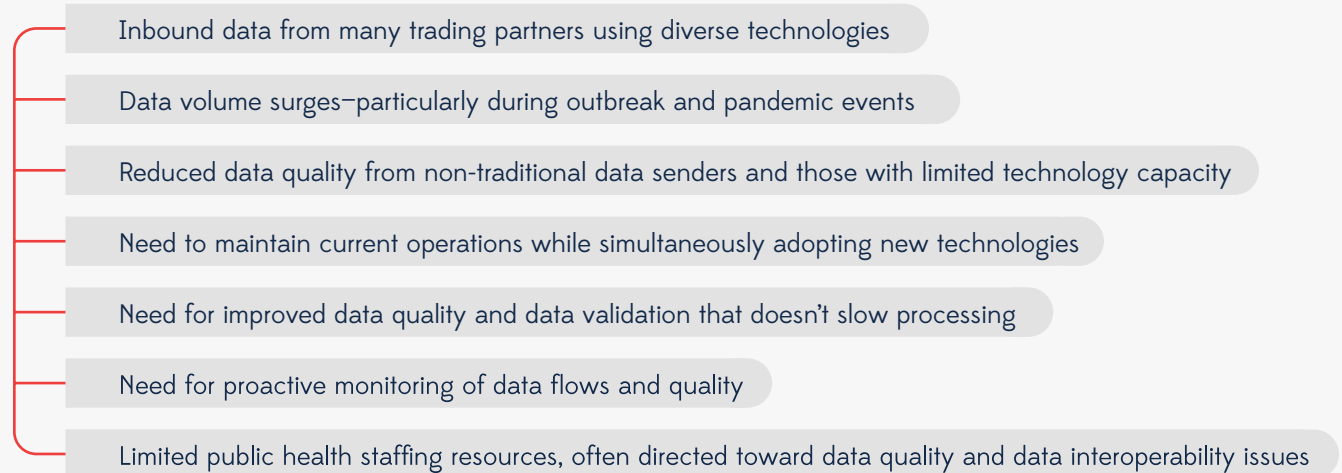


Modernizing Public Health Infrastructure Across America

Public health is inherently interdisciplinary—and requires technology that is, too. Since 2004, Florida-based **Ruvos** has led nationally in health technology, integrating cloud computing, interoperability, data science, and cybersecurity to build and maintain much of the country's public health tech infrastructure.

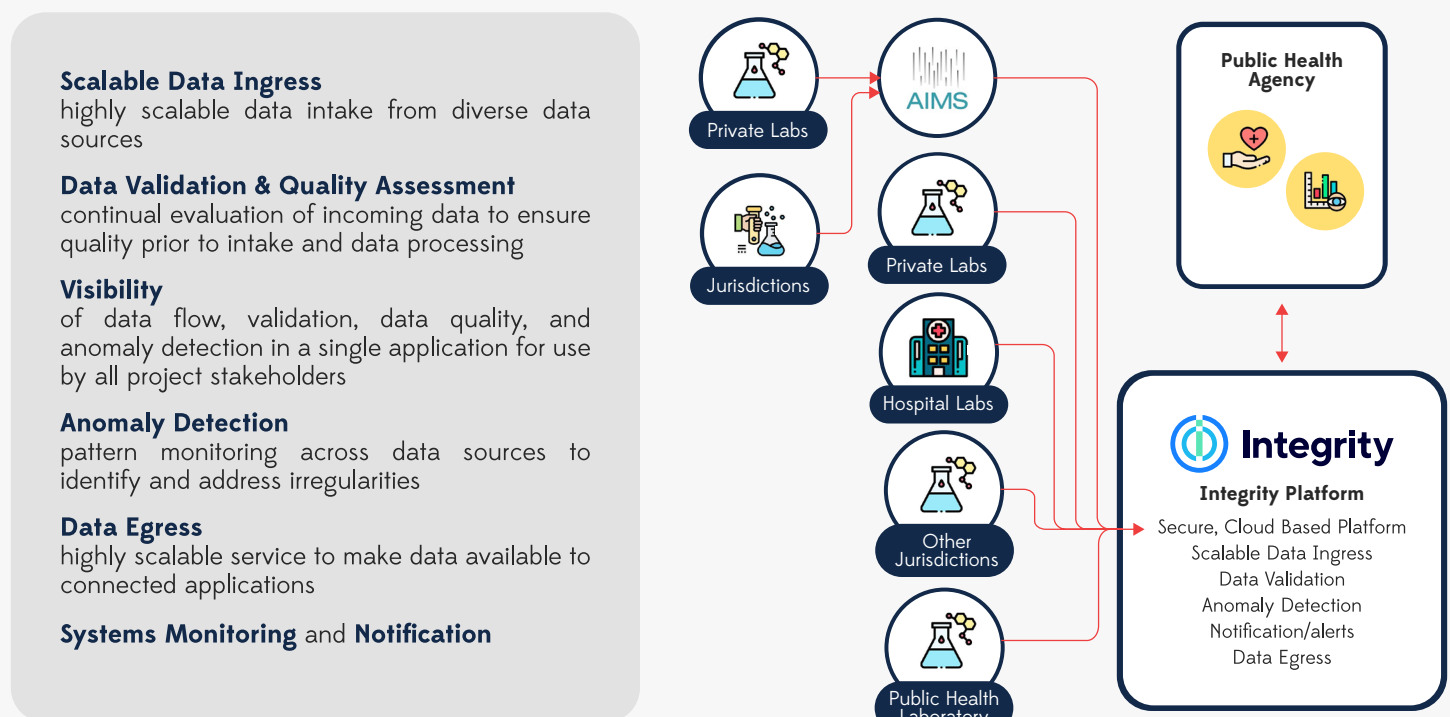
The COVID-19 pandemic presented enormous challenges to the public health system, which have also revealed opportunities for strengthening infrastructure, systems, and operations to be more prepared for the future. **Electronic Lab Reporting (ELR)**—a mission-critical service for public health agencies and a core Meaningful Use objective—continues to grow in volume and significance and will benefit greatly from modernization.

Though specific needs vary across public health agencies, ELR programs face common challenges, including:



While each public health organization varies in its operations and its unique constellation of stakeholders and partners, these challenges are common and benefit from a common strategy. Strategically applying scalable technology solutions improves data quality and reliability and frees up public health staff to focus on surveillance and intervention.

Aligned with the priorities of the national [Data: Elemental to Health](#) campaign, the **Integrity Platform** addresses these common challenges through:



In addition to modernizing Electronic Lab Reporting, other critical public health programs including Electronic Case Reporting (eCR), Syndromic Surveillance, immunization registries, and Newborn Screening can all leverage this modernized infrastructure, giving public health agencies a centralized, enterprise-wide view of data activity and quality across programs.

Ruvos: at the Forefront of Modernization

For almost 20 years, [Ruvos](#) has led innovation to design, build, and improve the ‘public health grid’ that keeps vital health information flowing securely across states and to federal agencies. Ruvos (originally called UberOps) first pioneered an intrastate hub-and-spoke model for exchanging electronic test orders and results between county health departments and Florida’s Department of Health, as well as between private labs and providers. Later, in partnership with the Association of Public Health Laboratories, Ruvos scaled this model nationally with the [APHL Informatics Messaging System \(AIMS\) Platform](#). As the digital superhighway that keeps essential health data moving between states and the federal government, the AIMS Platform has become the backbone of public health data exchange in the United States. During the COVID-19 pandemic, AIMS has been the foundation for quickly standing up systems to track and monitor COVID-19 outbreaks across the country, exchanging **over 500 million messages** between jurisdictions and the CDC.

Nearly two decades of working with public health agencies, laboratories, and local, state, and federal public health departments gives **Ruvos** a rich toolset to build solutions that address common needs and are tailorable to specific contexts and needs.

Ruvos’ global team of 70 professionals has wide-ranging expertise in health technology, public health, data security, integration, and strategic management, with core offerings including:

Cloud Computing

Data Science & Business Intelligence

Project Management

Data Integration

Cybersecurity & Compliance

Technical Assistance

Interoperability

Strategic Consulting

Service Desk Support

Let’s Connect!

Whether it’s designing creative solutions for known problems or partnering with a team to first identify capacities and needs and create strategies for maximizing resources, our team of experts is eager to work with you. We offer **technology and capacity assessments** to map the current state of a department’s infrastructure and resources, co-create a vision for future state modernization, and chart a realistic roadmap to get there, all with an eye toward efficiency and sustainability.

Reach out to the Ruvos team: ELRModernization@ruvos.com

