Strong end-to-end supply chains are the backbone of any successful immunization program. JSI is committed to strengthening the performance of immunization supply chains to support coverage and equity. Our partners depend on us to get the right amount of vaccines, medicines, and other health products and supplies to the people who need them, when they need them, no matter where they live.

With more than 30 years of experience building sustainable supply chain systems and improving immunization programs in more than 55 countries, JSI is a world leader in health supply chain management, introducing new vaccines, and strengthening routine immunization systems and supply chain management. JSI supports government efforts to build the next generation of immunization supply chains (iSCs) by putting in place health information systems to improve end-to-end data visibility helping to install remote temperature monitoring (RTM) devices and analyze the data in order to ensure the quality of vaccines, and using data to model options to improve supply chain performance. This expertise builds on our close engagement with immunization programs around the world, at both national and sub-national levels.

For more information, please contact supplychain@jsi.com

Areas of Immunization Supply Chain Expertise

JSI tailors solutions to national and local contexts. Our specialists bring technical leadership, program expertise, and deep field experience in:

- Supply chain design, optimization, and strengthening
- Information system design and implementation
- Data use and quality improvement
- New vaccine introduction
- Team building and capacity development in immunization program and supply chain aspects
- Supply chain assessments, cold chain management, and vaccine storage and delivery
- Community-based delivery, information management, and monitoring

强的端到端供应链是任何成功免疫计划的基石。JSI 致力于加强免疫供应链的性能，以支持覆盖率和公平性。我们的合作伙伴依赖我们提供合适数量的疫苗、药物和其他健康产品及供应品，确保他们需要时能够及时获取，无论他们居住何处。

拥有超过30年的经验，JSI长期致力于建设可持续供应链系统并改进免疫计划，在55多个国家取得了显著成就。JSI支持政府努力，通过建立健康信息系统来提高端到端数据可视性，安装远程温度监控（RTM）设备并分析数据，以确保疫苗质量，并利用数据来分析选项以改善供应链性能。这种专业知识建立在我们与全球各地的免疫计划的紧密合作基础上，特别是在国家和地区层面。

欲了解更多信息，请联系 supplychain@jsi.com
COUNTRY-LEVEL PROGRAMS

Achieving end-to-end supply chain visibility

JSI is supporting the first scaled digital information systems for vaccines, including:

- In Ethiopia, JSI helps deploy the Health Commodities Management Information System (HCMIS), which is integrated with mBrana, a mobile vaccine management solution used at Woreda cold stores that is supporting decisionmakers to analyze and use data.
- In Malawi, JSI integrated vaccines into the community-level mobile reporting system, cStock.
- In Pakistan, JSI helped to implement and scale the web-based vLMIS to manage vaccines and cold chain equipment data – from national procurement planning to replenishing facilities at the last mile.
- In Tanzania, JSI supported the Ministry of Health and Social Welfare’s efforts to deploy and scale the automated Vaccine Information Management System (VIMS), tracking programmatic and logistics indicators at all levels.

Expanding the availability and use of temperature data

- In Tanzania, JSI is partnering with Nexleaf Analytics to install 2,000 RTM devices, and monitor their use to ensure vaccine potency and performance of the cold chain equipment (CCE).
- In Kenya, JSI/inSupply implemented a pilot project to assess whether RTM devices and a structured approach for action-oriented data use facilitate better CCE management to ensure vaccine potency to the last mile.

Promoting a culture of data use

JSI implemented our proven quality improvement (IMPACT team) approach to enhance the routine use of data, including:

- In Kenya, JSI/inSupply implemented IMPACT teams in 10 counties, which created a process for reviewing routine data, including developing dashboards with key performance indicators to monitor progress.

Designing next generation supply chains

JSI has tremendous experience supporting immunization programs and designing health supply chains. We are able to build on this expertise to effectively advocate for immunization supply chains, identify emerging trends and develop lasting supply chain solutions at scale.

- As a result of our global agreement with UNICEF, JSI provides analysis and system design services to multiple countries including Liberia, Niger, Guinea, Sierra Leone, and Madagascar.
- In Ethiopia, JSI conducted network and transport modeling and costing analysis to provide efficient and cost-effective approaches to vaccine distribution. This is part of JSI’s support to Ethiopian Pharmaceuticals Supply Agency (EPSA).

Strengthening supply chain management

JSI supports immunization programs through direct technical assistance for supply chain management and linking to program activities:

- In Niger, JSI supports the logistics department of the immunization program to plan CCE placement and procurement, monitor CCE performance, improve data quality, reporting and use, and provide guidance for supervision.
- In Tanzania, JSI is an active member of the immunization Logistics Technical Working Group, contributing to supply chain planning and monitoring and linking insight from district level staff involved in both program and supply chain decisions.

GLOBAL ENGAGEMENTS

JSI provides global technical leadership in a number of areas, including:

- Revision of the comprehensive Effective Vaccine Management assessment tool, particularly data for management and CCE modules
- Development of the global model for a visibility and analytics network (VAN), and how a commercial supply chain control tower approach might be adapted and deployed for routine immunization
- Development of recommended indicators to measure immunization supply chain performance at the country level (Guidance for Dashboards for Immunization Supply Chains)
- Contributing to the task force tracking progress against Gavi’s Immunization Supply Chain Strategy