THE LEADER IN ADVANCED PHARMACY SOLUTIONS
ARxIUM delivers best-in-class technology and unparalleled expertise focused on helping pharmacies of all sizes improve safety, productivity and efficiency. We provide scalable, comprehensive pharmacy solutions – from drug order to delivery, prescription to patient – for every segment of the pharmacy market.

Recognized for quality, integrity and knowledge, ARxIUM helps customers optimize operations and enhance their business processes. Our comprehensive offering includes:

- Automated compounding, packaging and dispensing
- Compliance packaging management
- Inventory control and storage
- Access control
- Industry-leading workflow and scheduling software
- Expert consultation
- Production and workflow design
- Onsite technical and implementation assistance
- Much more

ARxIUM is the first pharmacy technology company to offer a Total Dose Solution (TDS), a customizable, end-to-end solution for oral solid and IV dose preparation, workflow management and revenue enhancement.

Your customized TDS aligns seamlessly with the unique characteristics of your customer population and the setting in which you serve them – whether a healthcare system, long-term care provider, retail or central fill environment. The ARxIUM TDS helps you manage pharmacy production, workflow and inventory while enjoying the convenience of working with a single expert vendor.

**Customized and Comprehensive**

Through a methodical assessment of your pharmacy’s operations, objectives and opportunities, the ARxIUM Total Dose Solution is custom-designed to meet your current needs and future goals. Your TDS allows you to implement the best combination of automation hardware, workflow software and management expertise to optimize all aspects of your pharmacy operation and business including:

- Medication production and dispensing
- Staff deployment
- Revenue growth
- Customer service
- Inventory tracking and control
- Contract and regulatory compliance
- Supply chain and procurement
- Purchasing, receiving and shipping
- Cost savings
- Capital and clinical investments

When fully implemented, TDS also helps you:

- Maximize current capital investments by interfacing with existing technologies.
- Support patient safety initiatives through comprehensive use of barcoding technology.
- Identify opportunities to grow your business through competitive differentiation (i.e., medication packaging options).
- Achieve error-free dose preparation within a Lean, Efficient, Automated Pharmacy (LEAP) environment – for individual, batch or manufacturing production.

**Application Consulting**

ARxIUM helps pharmacies improve operations and prepare for the future through the application of automation and process technologies that enhance safety and efficiency, reduce costs and provide measurable returns on investment. We offer an unmatched level of expertise and technical assistance to our customers – from evaluating production deficits and lost revenue to designing technology implementation plans and integrated workflows. ARxIUM has developed a proprietary methodology to assess your operation and can provide consultation on all aspects of your pharmacy practice, process and business.

ARxIUM possesses within its ranks a substantial accumulated knowledge base. Our scientists, inventors and technical experts include individuals with highly specialized knowledge in automation engineering, safety and compliance, logistics, pharmacy and pharmacology, mechanical, aerospace, hydraulic and motion engineering, along with numerous other disciplines. When it comes to pharmacy, there is no question we can’t help you answer, no problem we can’t help you solve.
RxWorks™ Pro enables hospital pharmacies to experience more streamlined operations through comprehensive inventory management, unit-dose packaging, workflow efficiency, storage/retrieval effectiveness and barcode readiness - all leading to increased patient safety and efficiency.

Providing hospital pharmacies with a single point of entry for both user and medication data, RxWorks Pro is built on an integrated platform from which multiple operations can be performed. The system is scalable, which means it is designed to expand as your pharmacy grows.

RxWorks Pro is an open architecture system which easily interfaces with your hospital’s pharmacy information system, financial system, automated dispensing cabinets, other vendors and more.

While efficiency is the foundation of our workflow solutions, patient safety and accuracy are the key benefits to your pharmacy operation. The ability to virtually eliminate the chance of picking or dispensing errors leaving the pharmacy combined with the implementation of smarter, more efficient workflow make these solutions valuable in any setting.

### RxWorks™ Pro Workflow

RxWorks™ Pro Workflow is an integrated software solution for hospital inpatient pharmacies. This provides a dependable, repeatable process for dispensing and checking prescription orders in the pharmacy. Coupled with RxWorks Pro, this module provides the following:

- Enhanced patient safety through barcode scanning and image verification
- Routing orders that need to be supplied from manual pick locations
- Real-time, on-screen order status
- Pharmacist check station for order verification
- Tracking of orders through delivery

Look for this icon indicating equipment that easily integrates with RxWorks supporting software.
Cost control and ordering efficiency gaps have increased demand for better management of inventory in the healthcare industry. Whether you are trying to manage inventory for a single pharmacy location or implementing an enterprise wide initiative that spans multiple locations and facilities, ARxIUM has solutions that can help you meet your inventory management objectives.

RxWorks™ Pro Inventory
RxWorks™ Pro software allows the health system pharmacy to implement integrated tools to manage the business of the pharmacy and automate inventory functions.

Managing a Complex Environment
The health system is a complex web of networks. RxWorks Pro manages the disparate data sources, multiple vendors, many inventory stocking points, high numbers of suppliers and the challenges of automation equipment to streamline the operation and provide high quality perpetual inventory.

Supporting Consolidation
Today, health system pharmacy is challenged with consolidation of hospitals where duplicate inventory management operations are costly to maintain. RxWorks Pro is uniquely capable of thriving in a centralized inventory environment and can support the hub and spokes with ease. Intranet ordering provides easy access to replenishment for clinics and other hospitals and the health system can take advantage of better purchasing power.

Automating the Purchasing Process
Whether the pharmacy uses a primary supplier or many suppliers, RxWorks Pro is intended to provide automation to the purchasing, receiving and invoicing process. The goal is to streamline the steps necessary to maintain accurate, real-time inventory and help buyers make informed, data-driven decisions.

RIVA™
RIVA™, a fully automated IV compounding system is used by hospital pharmacies to automatically and accurately prepare IV syringes and bags. By automating the preparation of IV syringes and bags, RIVA™ addresses the issues of safety for the patient and the pharmacy technician, efficiency and effectiveness in the pharmacy, and the challenges of a changing regulatory environment.

RIVA™ allows hospital pharmacies to compound aseptic preparations in a United States Pharmacopeia USP<797> environment while outputting admixtures in either syringes or bags. The automation of repetitive and complex tasks reduces the incidence of errors and contamination. RIVA™ can prepare both chemotherapeutic and non-chemotherapeutic doses.

Whether your main focus is to improve the safety of IV admixtures, improve the efficiency and effectiveness of pharmacy operations, or meet regulatory compliance, RIVA™ addresses your unique concerns and challenges.

Safety
RIVA™ enhances the care of patients and health of your pharmacy team by improving the safety and accuracy of IV admixture compounding. By using state of the art safety features and practices, detailed electronic auditing, and integration to current hospital systems, RIVA™ ensures that hazardous and non-hazardous doses are accurate for pediatric, neonatal, and adult patients.

Efficiency and Effectiveness
RIVA™ will save your pharmacy money and allow you to redeploy work resources by integrating into your pharmacy, completing orders rapidly, reducing drug and consumable waste, and lowering the need for pre-filled admixtures.

Regulatory Compliance
RIVA™ is designed to meet USP<797>, NIOSH, OSHA, and other regulatory requirements. In addition, RIVA™ provides a complete electronic audit trail of all prepared doses.
High volume solutions from ARxIUM are custom-designed for pharmacies in virtually any market, including mail order, central fill, government, specialty, corrections, hospitals and more.

**OptiFill™**

While OptiFill™ hardware is a key component, the real genius is our proprietary software. Known as PPS, it serves as “the brain” of any OptiFill configuration, directing workflow through the system. PPS is the only scalable solution on the market with the flexibility to optimize current volume demands and future growth.

So, whether you want to process 1,000 or 100,000 prescriptions per day, ARxIUM can design a custom high volume solution for you.

Scalability, efficiency and cost control are the key values of our line of vial filling solutions designed for community and outpatient pharmacies. Whether you are looking for a sophisticated robotic dispensing device or simply a better way to manage your fast-moving medications, our FastFill™ line can accommodate any script volume.

**FastFill™ 220**

FastFill™ 220 is designed for pharmacies filling 500 to 1,000+ prescriptions per day. With 220 factory-calibrated canisters and two robotic arms to complete the direct filling process, the FastFill 220 can dispense at a high rate of production while eliminating the risk of cross contamination. Like its smaller counterpart, this solution utilizes barcode scanning for both the replenishment process and pharmacist order checking.

**FastFill™ 54**

FastFill™ 54 is a compact, expandable, smart solution that houses up to 54 oral solids and utilizes direct fill technology via dedicated chutes for each medication. FastFill 54 is compatible with all vial types and fills an average of one script every five seconds. In addition, up to five devices can be connected to accommodate increased script volumes over time.
The FastPak™ line of packaging solutions is designed to provide scalable options for virtually any facility that has a need for packaging unit dose and/or multi-dose orders.

**FastPak™ Elite**

FastPak™ Elite is the newest innovation in solid oral medication pouch packaging from ARxIUM for retail, long-term care and hospital pharmacies. This premium packager offers unparalleled versatility and modular configuration providing limitless formulary capabilities. Featuring 100% smart canisters, which can be placed anywhere in the device, the FastPak Elite enables you to automate up to 100% of your oral solid medications.

In addition, the dynamic bag sizing function selects the correct pouch size based on contents being packaged, which provides significant savings on consumables. Innovative printing capabilities allow for inclusion of graphics and specific dosing instructions to improve adherence. Lastly, the FastPak Elite features half tablet canisters, which automates splitting of pills and tablets, increasing accuracy for half tablet dispensing and saving your pharmacy staff valuable time.

**FastPak™ Verify**

FastPak™ Verify is a pouch verification solution designed to work with FastPak automated packaging systems. This new tool improves the efficiency of the pharmacy by automating the verification process of packaged oral solids by analyzing the quantity, shape and color of every pill in a package to ensure it matches the expected prescription for a given patient.

This compact system is designed to save time associated with the packaging and verification process, allowing for growth without adding resources or compromising quality. The FastPak Verify enables an enhanced auditing system, as it captures a visual record of each medication/pouch that it verifies.

**FastPak™ EXP**

The FastPak™ EXP accommodates any pharmacy’s oral solid dispensing needs and is ideal for pharmacies serving multiple facilities or that need the safety of canister dispensing for more than 320 medications. FastPak EXP features a swappable lower packaging unit that enables you to switch between standard width for traditional unit dose and multi-dose packaging, and narrow width for automated dispensing cabinet replenishment or 30-day boxes. Innovative smart canisters are optional and can be interchanged quickly.

The FastPak EXP automatically detects smart canisters’ contents and updates the medication database, regardless of where the canister is placed inside a designated smart drawer. Easily integrated using RxWorks, or as a stand-alone unit, FastPak EXP fosters compliance and convenience with package labeling that includes drug name, strength and description, and if desired, patient name and administration time.

**FastPak™ TableTop**

FastPak™ TableTop can be your primary unit dose packaging system, a complementary addition to another unit dose system, or a readily available backup solution. The horizontal operation virtually eliminates pill crushing and gel cap melting that is common with competing vertical-feed systems. The small footprint allows the systems to be placed in any location with no remodeling or disruption. The ability to add barcodes enables pharmacies to implement bedside barcode verification for medication administration.
MedSelect™ Flex
MedSelect™ Flex, the cornerstone of the ARxIUM automated dispensing cabinet (ADC) solution line, offers hospitals and long-term care pharmacy providers a modular and scalable solution that helps reduce medication errors and control costs, comply with regulatory agencies, and increase staff productivity. This is accomplished through multiple levels of security, best-in-class data storage, robust reporting capabilities, true unit dose dispensing and single item access capabilities.

Centrack™
Centrack™ is designed to close the loop on monitoring the complete life cycle of controlled substances in any facility, providing value in three key areas: increased inventory management, cost control and regulatory compliance.

Nurses WorkStation (NWS)
Nurses WorkStation (NWS) is designed to address the increase in demand on nurses’ time. The new NWS design increases the speed of dispense, improves patient safety and reduces the stress and distractions on nursing. NWS aids nursing by offering remote access to the ADC, allowing them to do more tasks away from the cabinet. Thus, nurses can be more efficient by remotely reviewing and queuing orders, as well as efficiently documenting waste and discrepancies.

FastFind™ Carousel
FastFind™ Carousel uses the pharmacy’s available vertical height to increase the number of stock keeping units (SKUs) stored in the same footprint by up to 60%. The carousel concept allows technicians to retrieve medications from a single location and the ergonomic design minimizes bending and reaching by picking from waist height.

Driven by the RxWorks platform, the FastFind Carousel employs complete inventory management for all items stored in the carousel and includes the ability to generate purchase orders directly from the carousel when inventory is running low.

The redundancy offered by the dual motor design and high gauge steel frame make the FastFind Carousel the most reliable and durable carousel in its class.