Request for Information

For

MUHC ENTERPRISE BARCODE SCANNING

for

The Curators of the University of Missouri

On behalf of MU Health Care

RFI #31215

Due Date: April 01, 2026

**Submit responses to Marcy Maddox at maddoxml@health.missouri.edu no later than
April 01, 2026 at 3:00 p.m. CDT.**

Introduction: The Curators of the University of Missouri on behalf of MU Healthcare (MUHC) is seeking information from qualified vendors regarding enterprise barcode scanning solutions that support patient safety, charge capture, inventory visibility, recall management, and workflow efficiency across inpatient, procedural, emergency, diagnostic, and ambulatory care environments.

Objective: This RFI is intended to:

• Understand market capabilities across diverse clinical modalities
• Evaluate technical and workflow alignment with current systems
• Inform potential future RFP(s) or sourcing strategies

This RFI is not a request for pricing and does not commit the organization to issuing an RFP or awarding a contract.

Organizational & System Environment:

Health System Overview
- Academic medical center
- Inpatient, outpatient, procedural, emergency, and ambulatory services
- Multi-site enterprise environment

Core Systems
- Electronic Medical Record (EMR): Oracle Health / Cerner Millennium
- Enterprise Resource Planning (ERP): PeopleSoft Financials & Supply Chain
- Ancillary systems may include pharmacy, analytics, inventory, and specialty applications

Core System Dependency Statement: Vendors must assume continued use of Oracle Health and PeopleSoft as systems of record. Solutions requiring replacement, circumvention, or material customization of these platforms must be disclosed.

Vendor Modality Capability Matrix

Clinical Area	Fully Supported	Partially Supported	Not Supported	Workflow Notes
Operating Room	☐	☐	☐	
Cath Lab / EP	☐	☐	☐	
Interventional Radiology	☐	☐	☐	
Hybrid OR	☐	☐	☐	
Endoscopy / GI	☐	☐	☐	
Emergency Department	☐	☐	☐	

Diagnostic Radiology	☐	☐	☐	
Inpatient Nursing	☐	☐	☐	
Ambulatory Clinics	☐	☐	☐	

Emergency Department

Requirement	Yes	No	Notes
Rapid scan workflow (≤1–2 user actions per item)	☐	☐	
Offline / downtime scanning supported	☐	☐	
Batch or deferred scanning capability	☐	☐	
Post-encounter charge reconciliation	☐	☐	
Minimal clinician disruption	☐	☐	
Trauma / resuscitation workflow support	☐	☐	
Oracle Health ED workflow compatibility	☐	☐	

Respondents should provide information to support the following;

Functional Capabilities
- Barcode & Label Support: 1D, 2D, GS1-128, DataMatrix, QR
- UDI (DI + PI) capture
- Vendor-specific barcodes
- Relabeling and on-demand label printing
- Scanning hardware: handheld, mobile (iOS/Android), WOW-mounted, fixed, camera-based

System Integration
- Oracle Health / Cerner EMR integration

- HL7 and/or FHIR support
- Real-time vs batch workflows
- Charge posting logic
- PeopleSoft Materials Management integration
- Item master synchronization
- Inventory decrementing
- Receiving and replenishment workflows

Patient Safety & Compliance
- Recall traceability (patient-to-item)
- Lot, serial, and expiration genealogy
- UDI compliance
- Joint Commission and CMS readiness

Reporting & Analytics
- Scan compliance
- Missed charge identification
- Recall impact analysis
- Usage by case / encounter
- Financial recovery metrics

Implementation & Change Management
- Typical implementation timeline
- Resource requirements
- Clinical training approach
- Go-live and optimization support
- Academic medical center experience

Security & Risk
- HIPAA compliance
- SOC 2 / HITRUST (if applicable)
- Data ownership
- Business continuity and disaster recovery

Commercial Model (High-Level)
- Licensing approach
- Implementation fees
- Hardware considerations
- Support model

Vendor Profile
- Company overview
- Healthcare experience
- Number of live health systems
- Academic medical center references
- Product roadmap

Virtual Presentations/Demos: Selected top supplier may be requested to provide virtual presentations/demos, applicable to all MU Health Care, System offices, and affiliates as needed.

Cost: Please provide a flat fee for the entire project, covering professional services and associated expenses.