

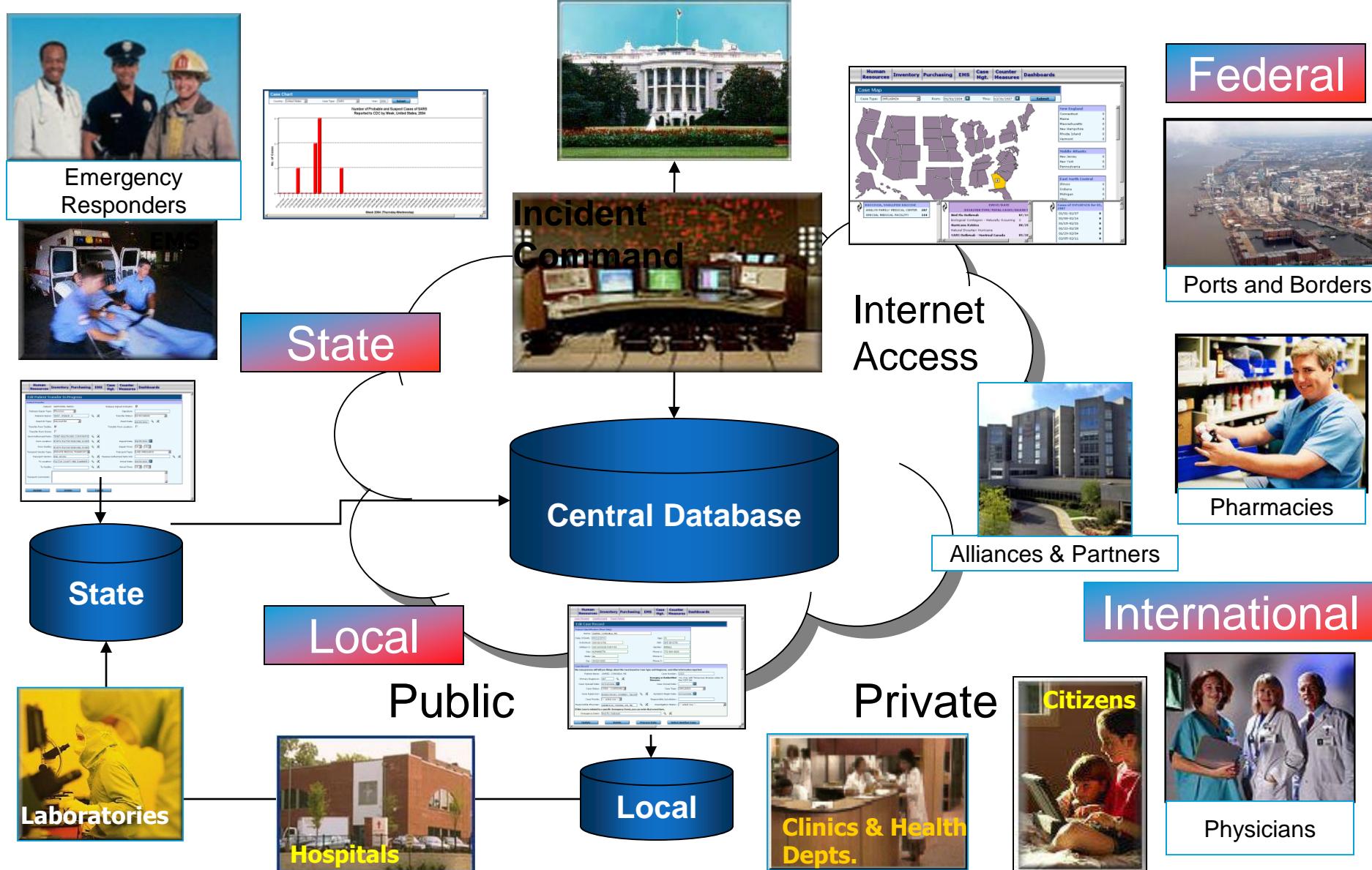


EPR

EMERGENCY PREPAREDNESS & RESPONSE SYSTEM

“EPR needs a shared cloud-based, comprehensive yet configurable system that is secure, scalable, and usable now.”

GOAL: Real-time, Integrated, Coordinated Information

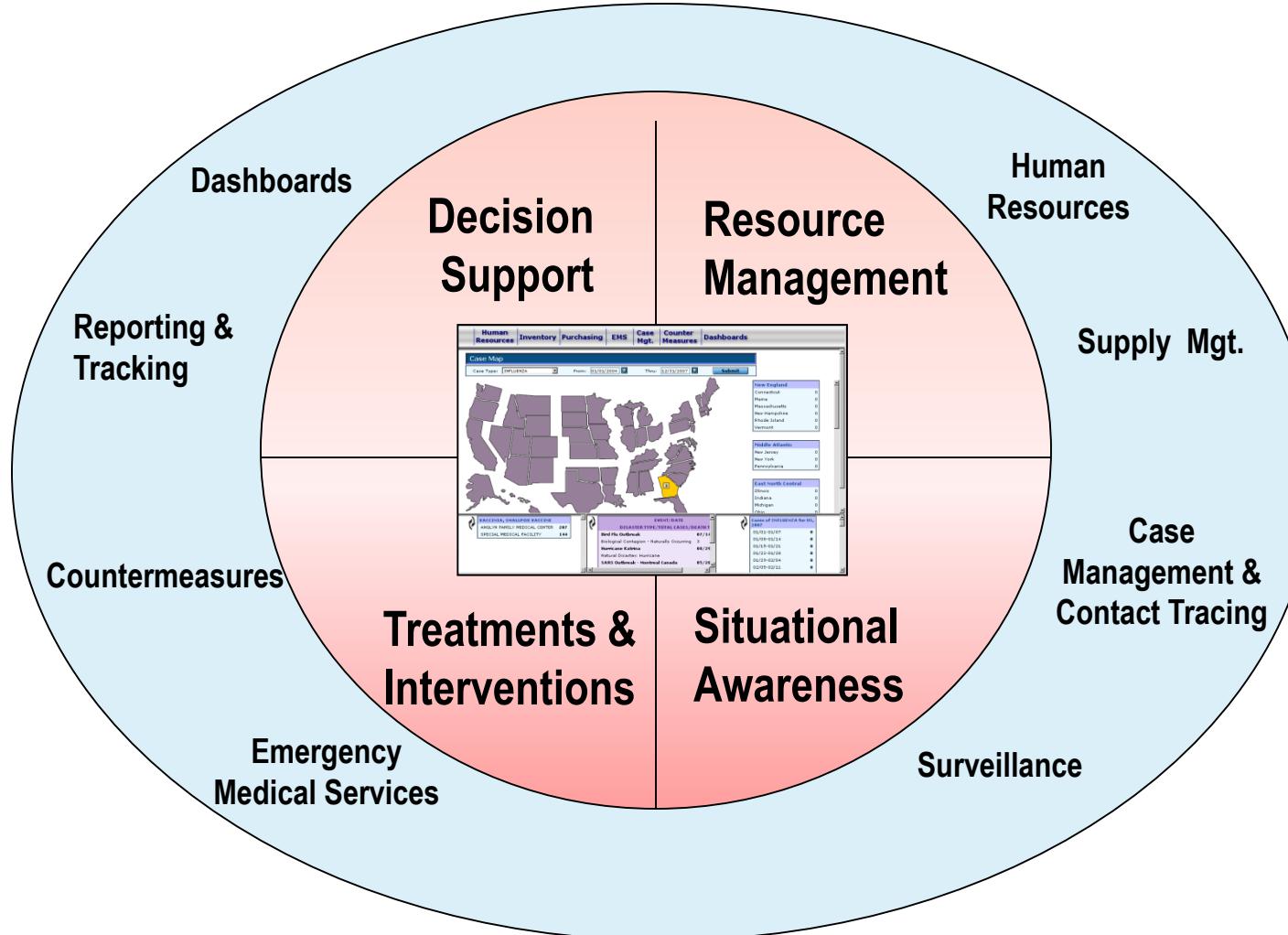


"Common, replicable database is needed by all participating entities."

EPR System—Configurable Enterprise SaaS Solution for Emergency Events

Decision Support module can be configured for reports and graphs including real-time dashboards.

Treatments & Intervention module can be configured to aid responders administer and track services (including countermeasures) delivered to ill, exposed, or susceptible individuals including home or facility quarantine, home isolation, remote patient monitoring, mass prophylaxis (prescriptions and immunizations), and patient transport.

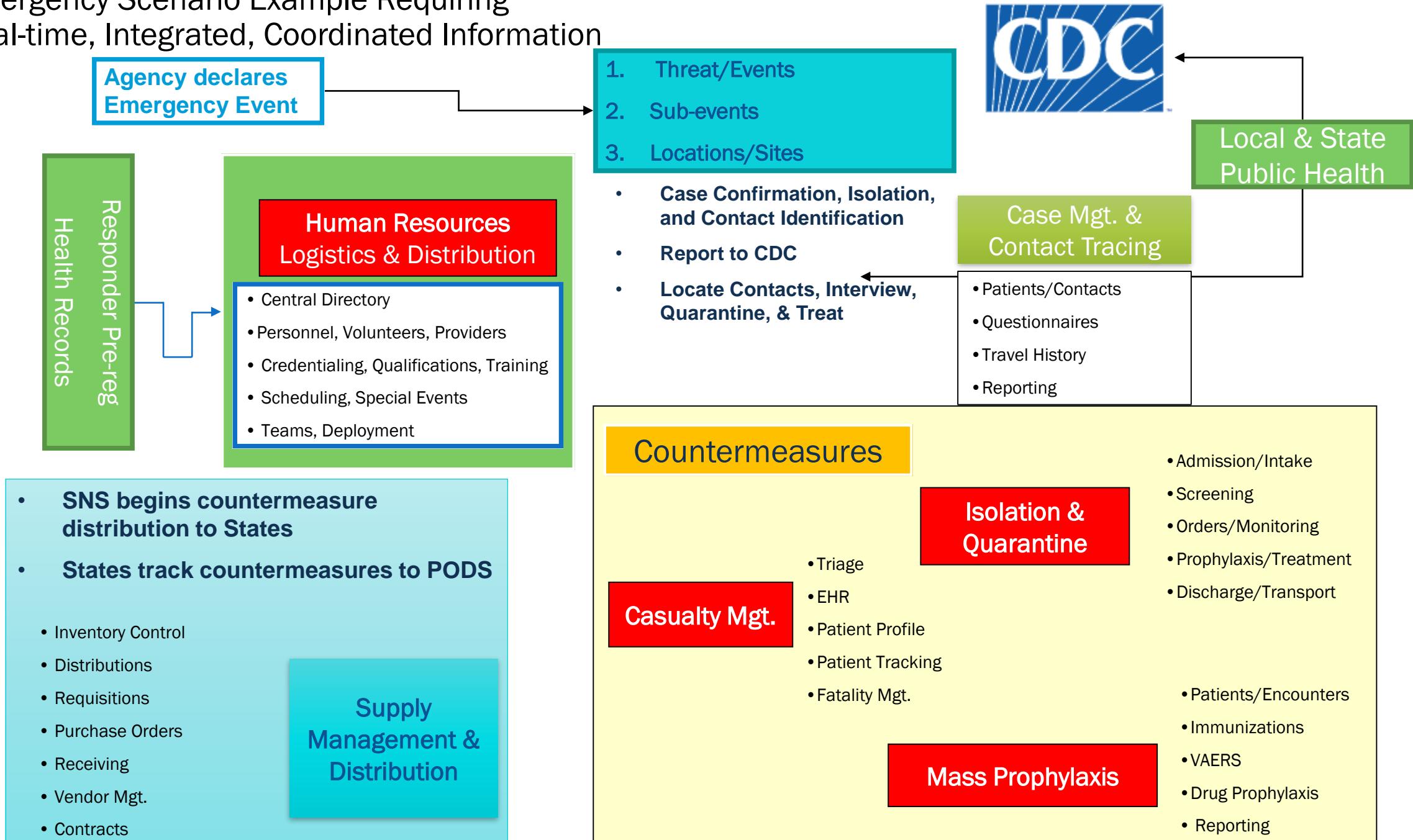


Resource Management module can be configured for managing personnel (employees, contractor, and volunteers) and inventories of supplies/equipment (any tangible item). Personnel can be profiled and scheduled with role-based system access. Any tangible item can be profiled and tracked across multiple locations and owners while maintaining chain of custody.

Situational Awareness module can be configured for case management of any disease or condition for case investigation, reporting, contact tracing, and surveillance.

"EPR starts with a simple, secure sign-on through a central directory and navigates to the functions needed."

Emergency Scenario Example Requiring Real-time, Integrated, Coordinated Information



Human Resources

All Personnel

- Multiple Organizations
- Personnel, Employees, Volunteers
- Group, Divisions, Locations
- Demographics
- Resource Type
- Military Record /Status
- Documents/Images

Resource Scheduling

Templates

Schedules

Time and Attendance

Employee Portal

Resource Management Workflow Example

Provider Credentialing

- Licenses/Certs
- Skill Sets
- Education
- Health Status

Edit Provider Health Status Event

Provider:	ANDERSON, THOMAS, DR, MD
Certifying Provider:	ARMSTRONG, WILLIAM
Health Status:	EXCELLENT
Verified Indicator:	<input checked="" type="checkbox"/>
Status Date:	10/01/2005

Update Delete Cancel

Provider Content Finder Rows Per Page: 10

File Name	Content Category	Content Type	Content Class	Multimedia Type	Description	Event ID	Event ID Type
file1	file1	file1	file1	file1	file1	file1	file1
file2	file2	file2	file2	file2	file2	file2	file2
file3	file3	file3	file3	file3	file3	file3	file3

Requisition

- Request for Supplies or Equipment
- If in Inventory, then Distribute
- If not, promote to Purchase Order to acquire Requisitioned items.

Purchase Order

Facility

Distribution

Shipment

Facility

Inventory Control

Shipment

• Distribution is the movement of Inventory from one Facility to another, internally. -OR- fulfillment of a Customer Order, where distributed out of system to customer

Shipment

• Incoming shipments resulting from Purchase Orders to Vendors, are processed through Receiving into Inventory, possibly at central facility or at multiple facilities.

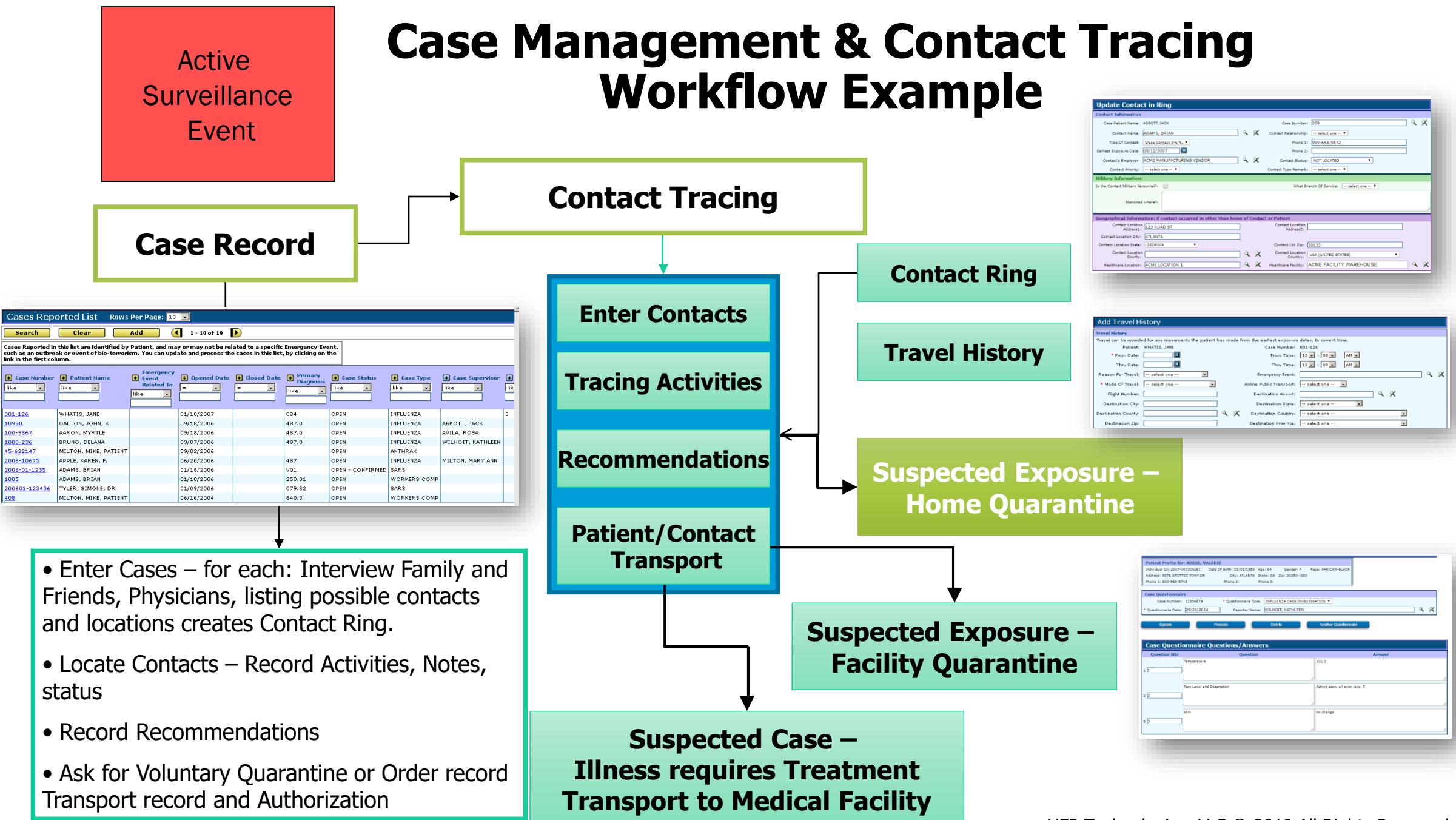
Order Fulfillment

Usage

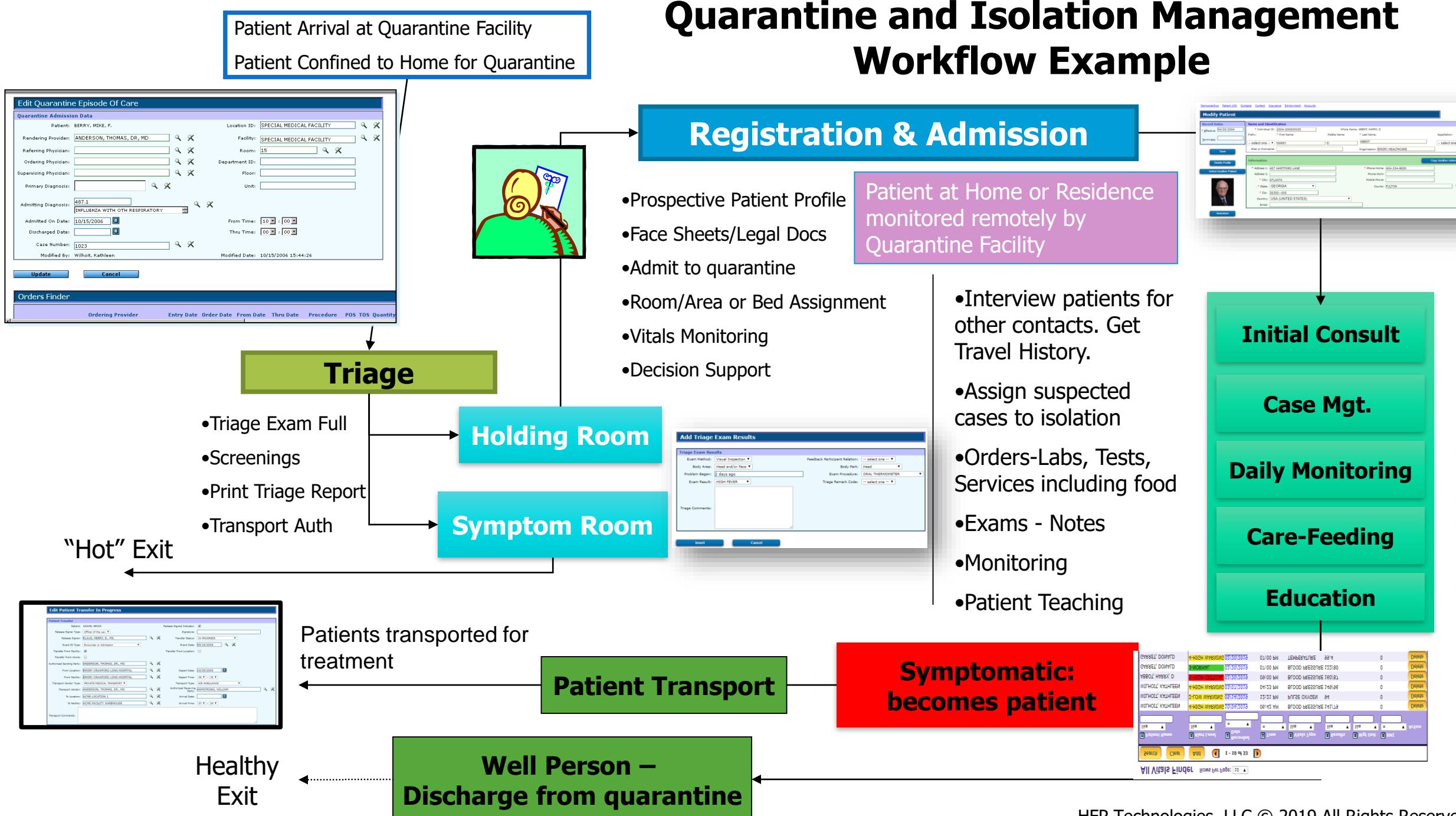
- Usage occurs when Items are “used” thru an application process that deducts them from Inventory.
- Examples of Usage are Sale, Used, Theft, Damage

• PO/Customer Order from Outside Parties, becomes Orders and Fulfillment occurs when Inventory is pulled and shipped externally to ordering party.

Case Management & Contact Tracing Workflow Example



Quarantine and Isolation Management Workflow Example



EPR System Benefits

- Comprehensive enterprise informatics system for EPR
- Configurable functions to support target capabilities
- Supports multiple emergency scenarios and events
- Scalable hosted cloud services, runs on multiple devices
- AI-powered with adaptable knowledge for changes
- Secure and HIPAA compliant with user roles/privileges
- Real-time situational awareness