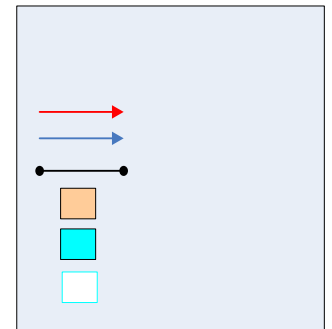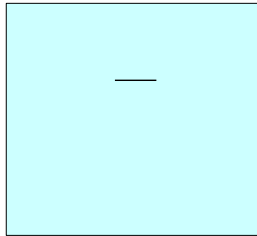# Data Management

Data Management Phases

- Planning
  - Data management plans for OSCs
- Collection/Generation
  - By field personnel
    - **Data Management Strike Team**
  - By laboratories/instruments
- Analysis/Immediate Use
  - Local – site specific decisions, H&S
  - Integrated – data sharing, GIS
- Storage/Longterm Use
  - Decision documentation;
  - cross-site analysis
  - Cross-program analysis
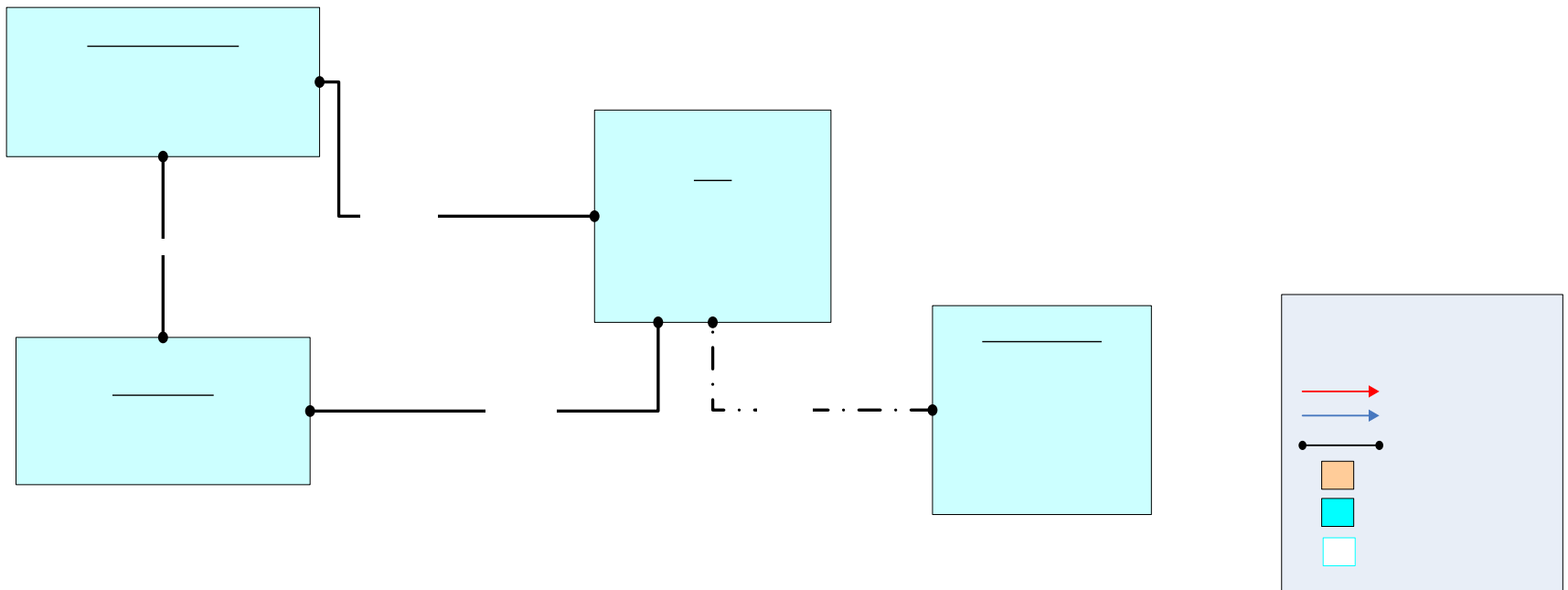- Retirement/Destruction

Data Management Requirements

- **Scalability**
    - Practical and cost effective for daily use
    - Able to quickly adapt to larger or INS situations
- **Integration**
    - Ability to easily use prevention and preparedness data
    - Ability to use Agency data
    - Ability to feed tracking systems automatically
    - Ability to connect documents/decisions with supporting data
- **National Approach to Change**
    - Constantly improve our infrastructure using the knowledge and experiences of all Regions
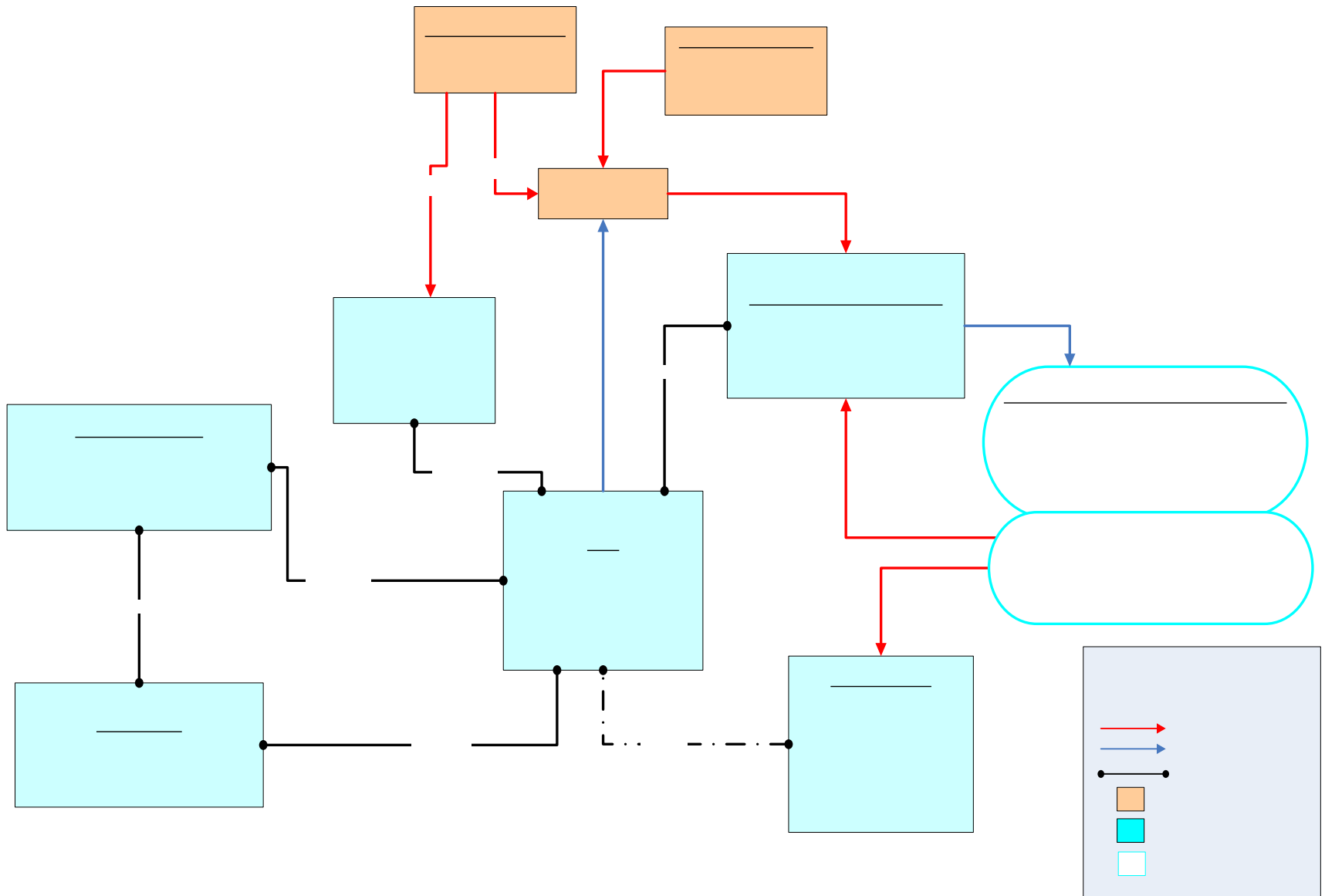- **Security**
    - Balance security with access
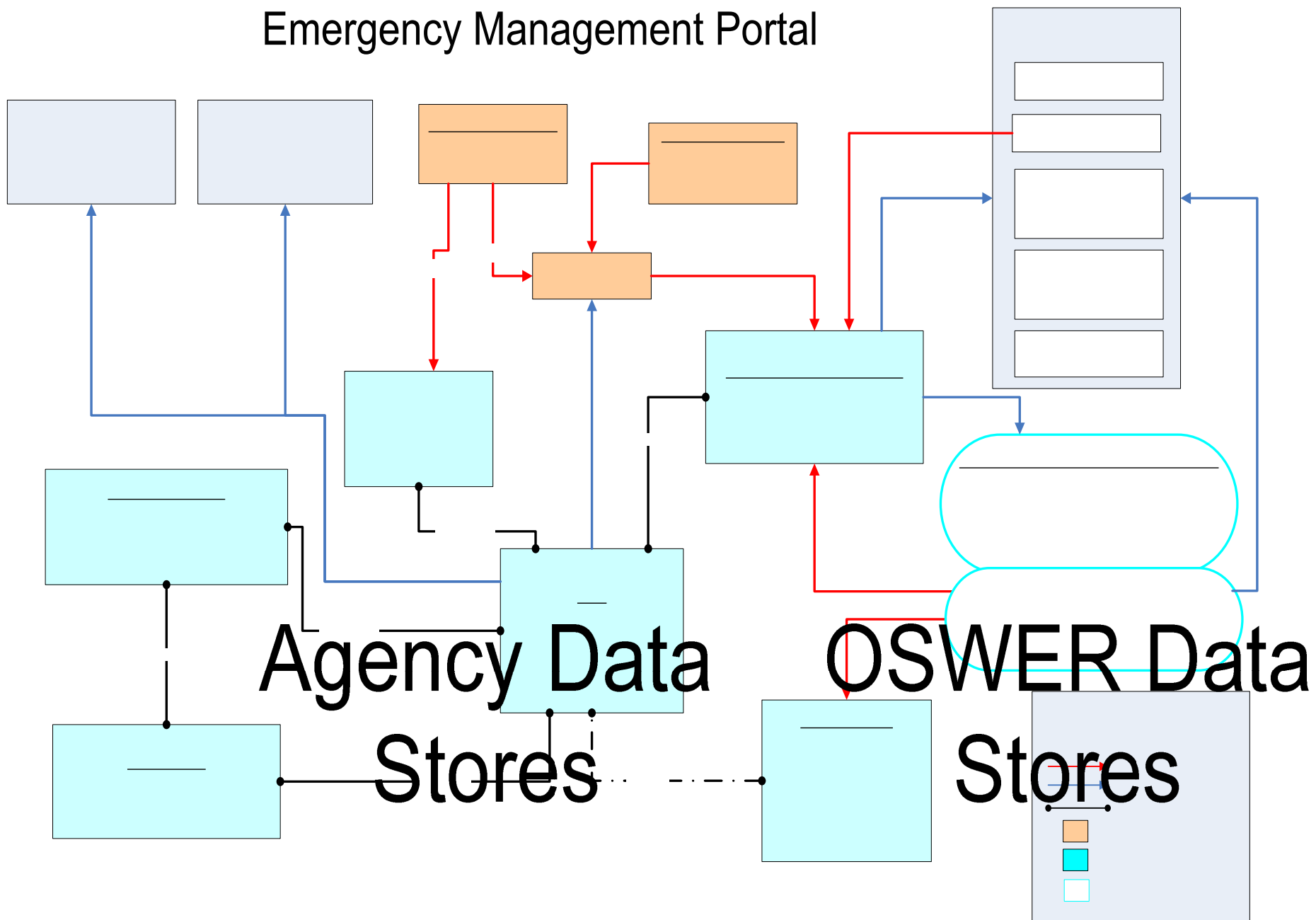
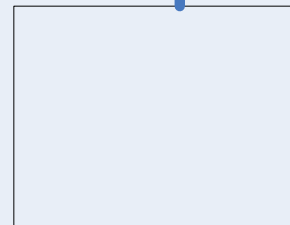# Emergency Management Portal
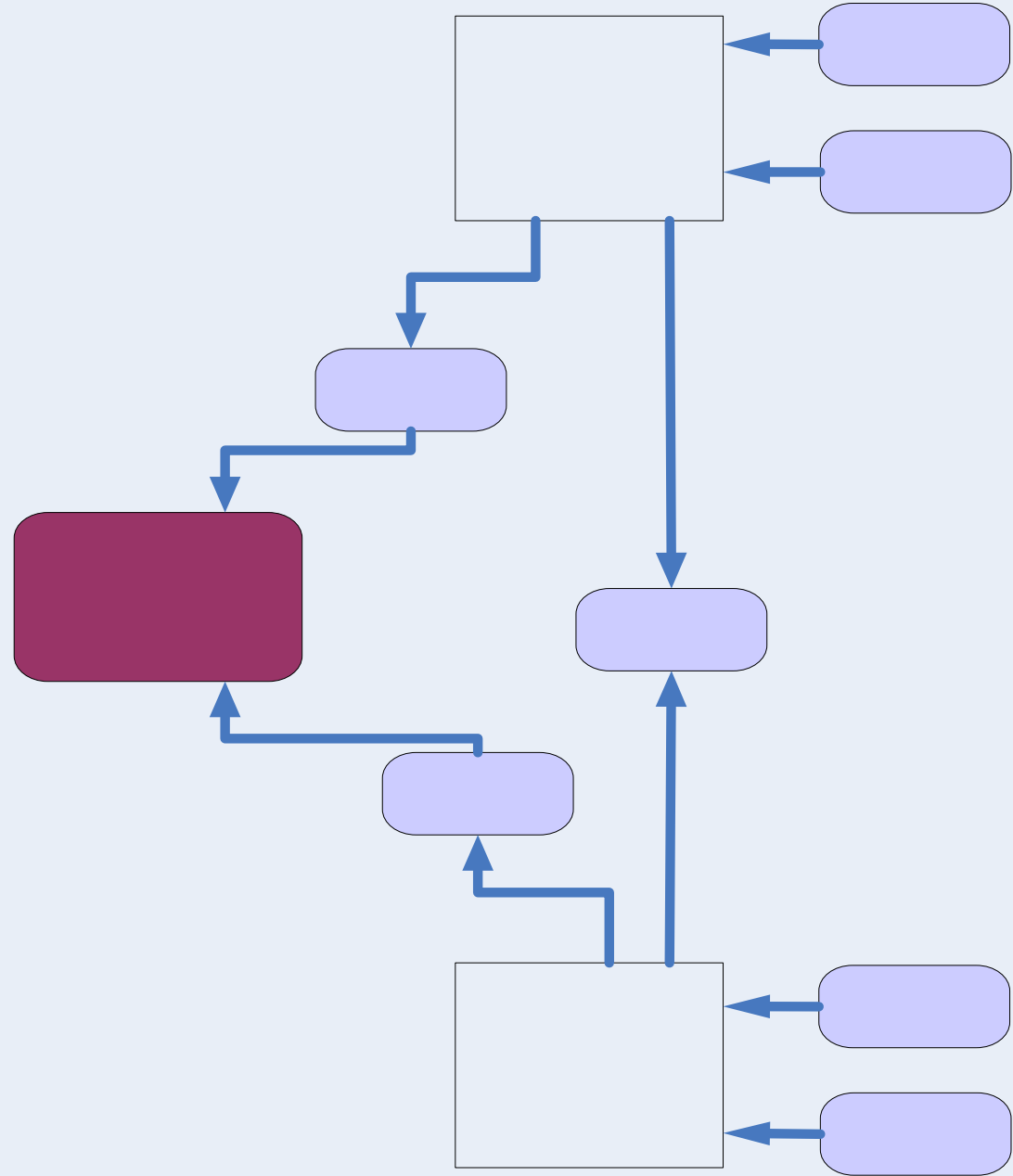
Emergency Management Portal

Emergency Management Portal

Emergency Management Portal

Agency Data Stores

OSWER Data Stores

EMERGENCY MANAGEMENT PORTAL
Integrated Data Management

DOCUMENTS

Incident specific Situation Reports, Action Memos, photos, images, final reports, lessons learned.

Non incident specific guidance, methods, health and safety, toxicity,

What Decisions were made?

FIELD READINESS

Collect contact information, training, skills, certifications, experience, etc.

How many people?

Are the ready?

What docs, images support this?

Who is working?

What data was used to create this document?

Incident Removal Event Exercise

Who has this equipment?

What Data was collected?

What Equipment is being used?.

How many sites with this contaminant?

EVALUATION/ ASSESSMENT DATA

Manage analytical sampling, monitoring, hazardous inventory, and facltiies data in the field. Push it to an integrated warehouse to retain site history and for cross-site queries. Use for both removal and remedial

How many sites with this use?

What equipment was used?

EQUIPMENT

Manage equipment at each warehouse.

How much Equipment?

Is it ready?