



THE DEFENSE EXPLOSIVES SAFETY MANAGEMENT SYSTEM (DESMS)

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DEFENSE EXPLOSIVES SAFETY MANAGEMENT SYSTEM (DESMS)



DESMS MODULES

- **POLICY (ESP)** - Provides access to and promulgates explosives safety policies, directives, and reports
- **EXPLOSIVES SITE PLANNING (ESS)** - Prepares explosives site plan package, including site map and hazard analysis
- **EXPLOSION MODELLING (ESM)** - Assists user in performing “what if” analyses and provides access to approved models
- **MISHAP ANALYSIS MODULE (ESMAM)** - Provides access to, facilitates reporting, and provides cross-tell tool for explosive mishaps
- **UNEXPLODED ORDNANCE (UXO)** - Manages and graphically depicts location and status of areas containing UXO



DEFENSE EXPLOSIVES SAFETY MANAGEMENT SYSTEM (DESMS)



OVERVIEW

- **AUTOMATE SYSTEMS FOR CURRENT MANUAL PROCESSES**
DoD Corporate Information Management (CIM) effort
- **IDENTIFY MOST CAPABLE/COMMON AUTOMATED SYSTEMS**
With assistance of the Defense Environmental Security
Corporate Information Management (DESCIM) Program Office
 - Develop selected Migration Systems
 - Deploy selected migration systems to the Services
 - Establish Standard Data Requirements to facilitate exchange
of information among the five DESMS Modules
- **IMPROVE** accessibility and exchange of Mishap
Data and Policy Guidance
- **FACILITATE** Required Explosives Safety Reviews



DEFENSE EXPLOSIVES SAFETY MANAGEMENT SYSTEM (DESMS)

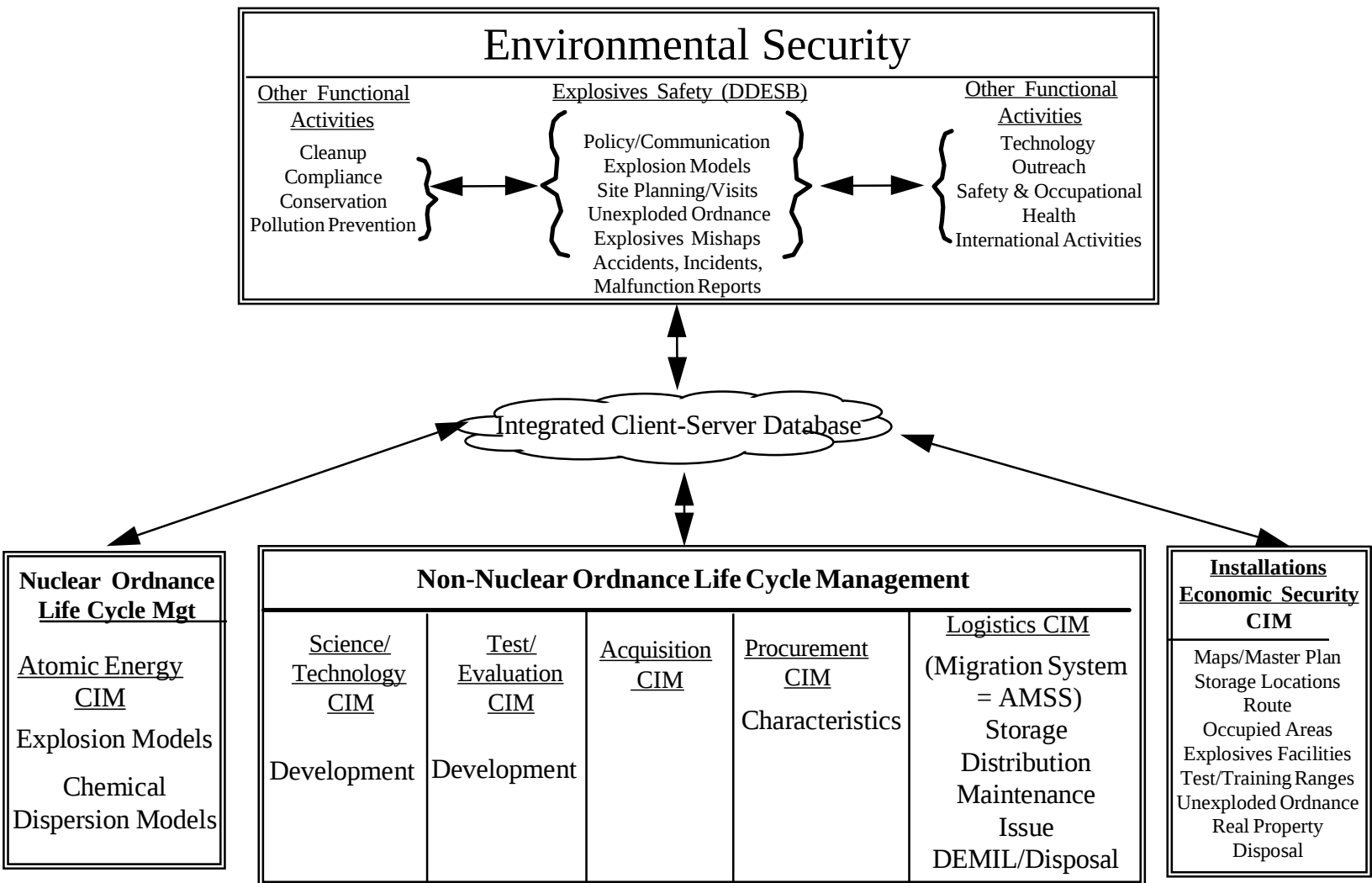


ESTIMATED DESMS DEPLOYMENT

POLICY	MAY 1997
MISHAP REPORTING	DECEMBER 1997
SITE PLANNING	JULY 1997
UNEXPLODED ORDNANCE	JULY 1997
EXPLOSION MODELING	TBD

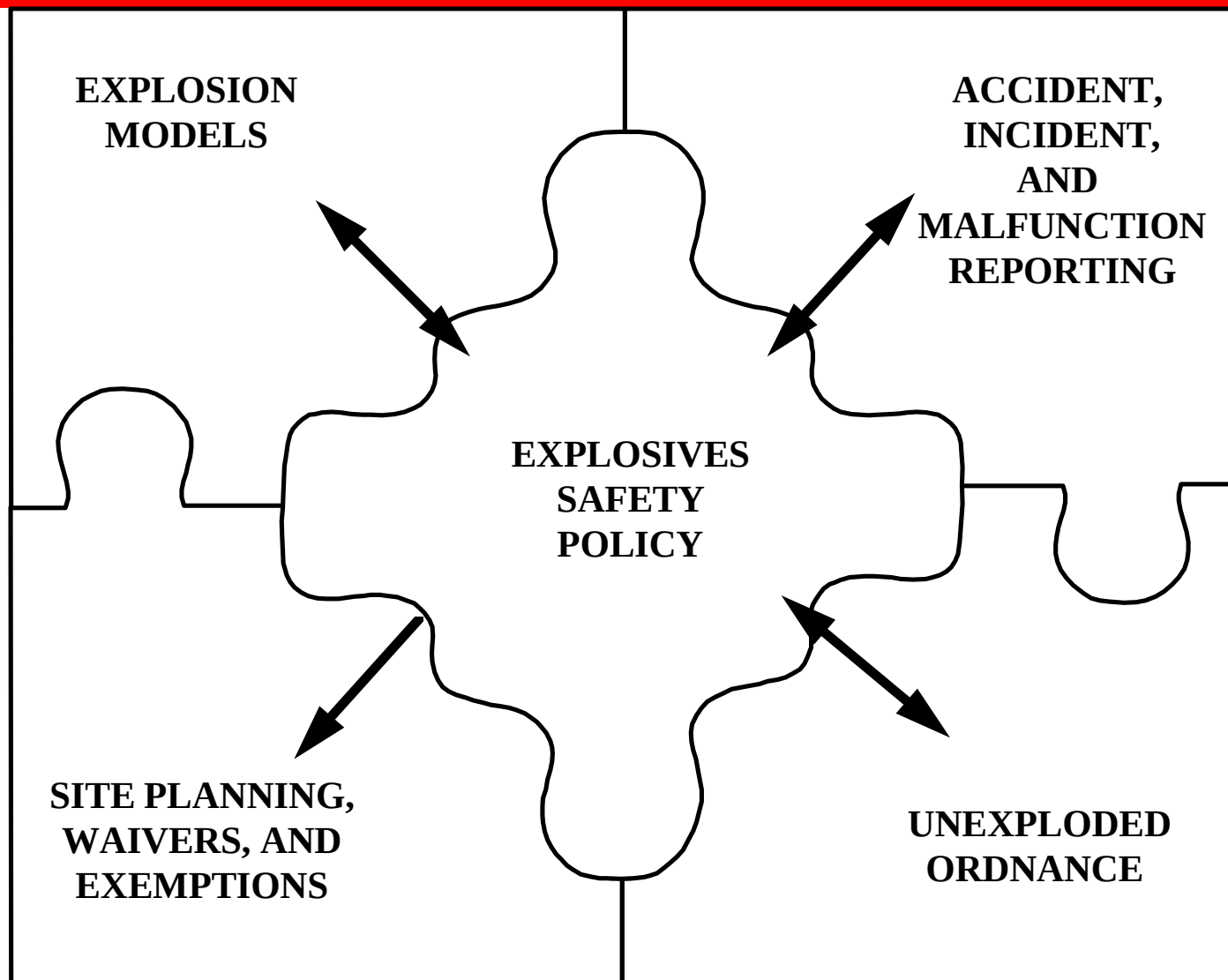


Overview of Defense Explosives Safety Management System (DESMS) Requirements





DESMS STRUCTURE

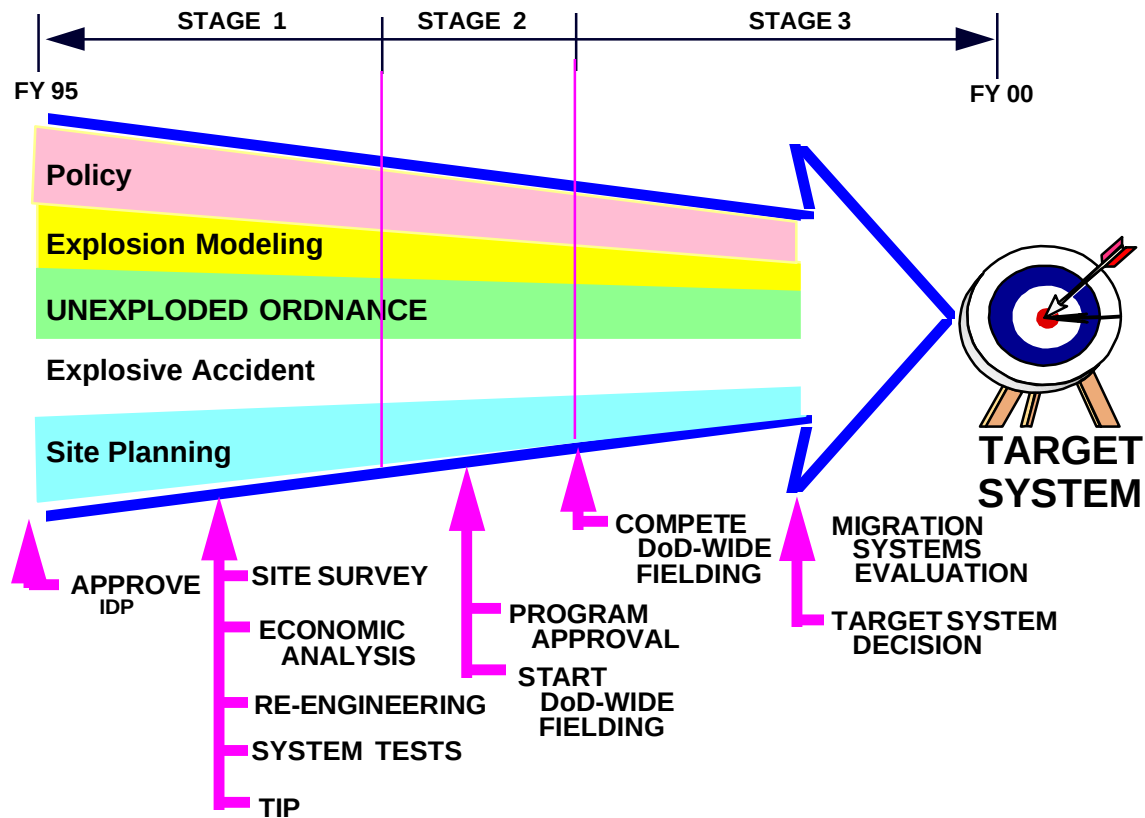




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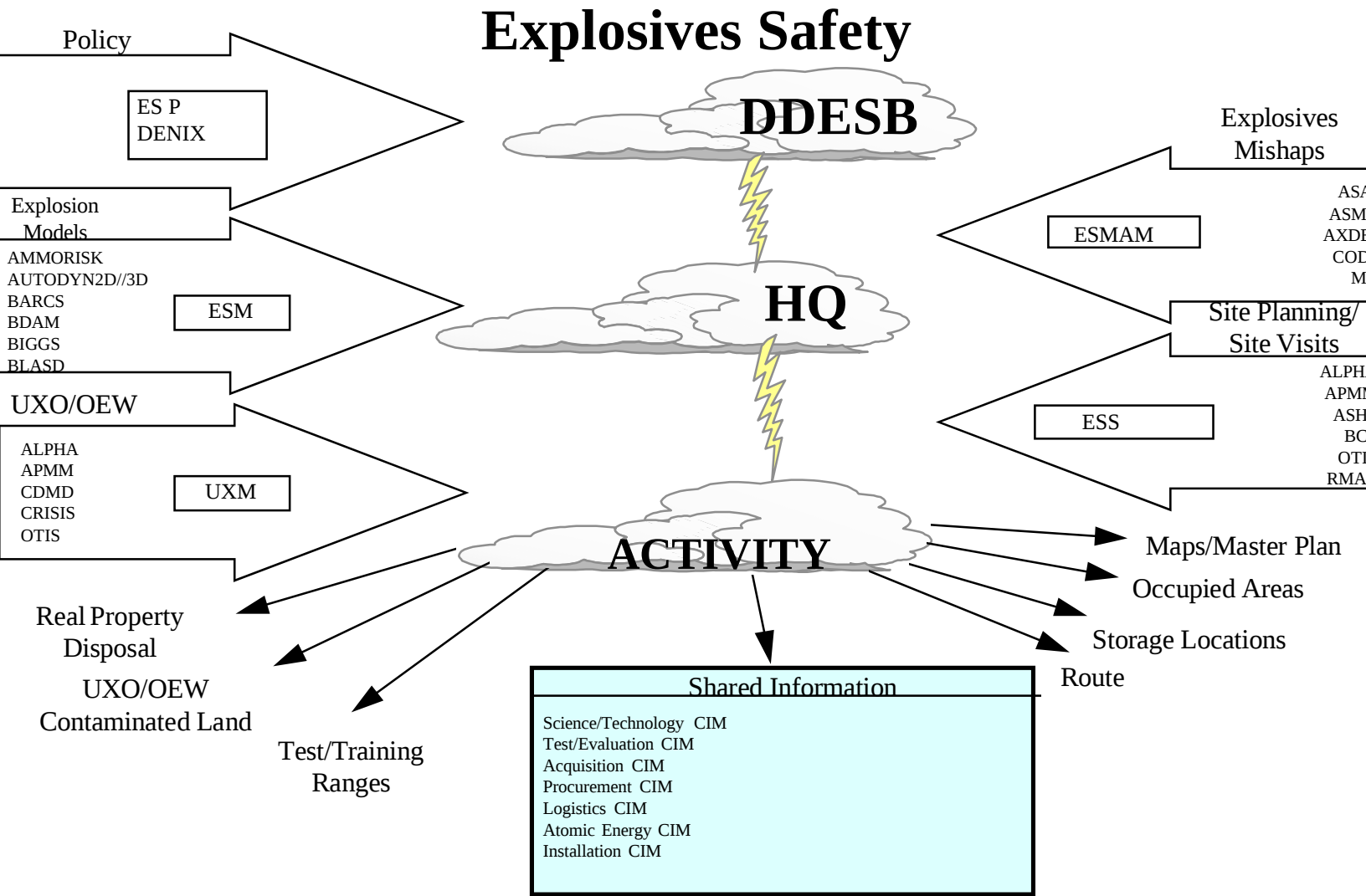


SUB-FUNCTIONAL AREAS





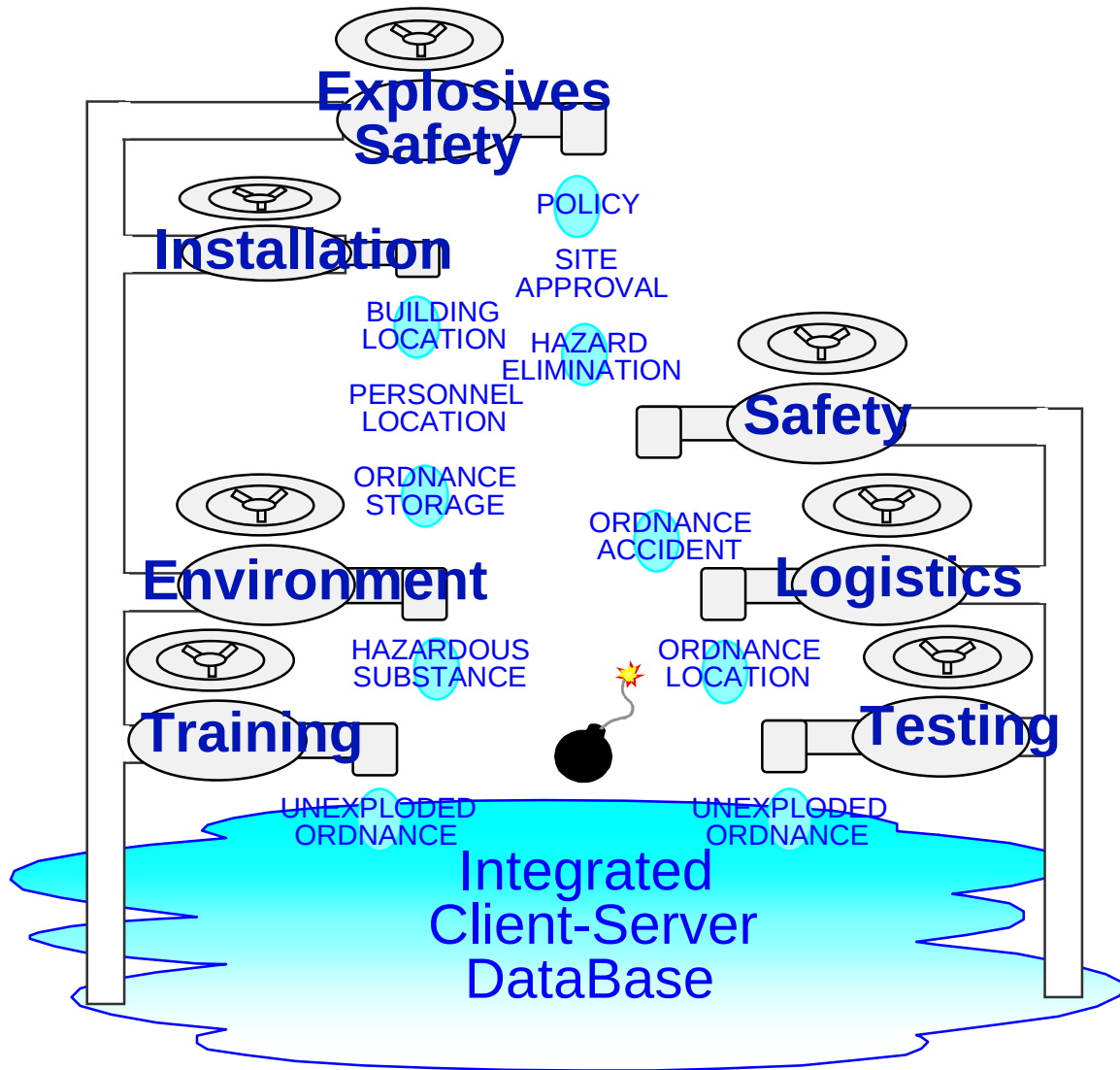
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EXPLOSIVES SAFETY

SHARED CROSS-FUNCTIONAL INFORMATION





DEFENSE EXPLOSIVES SAFETY MANAGEMENT SYSTEM (DESMS)



OVERVIEW

- **CORPORATE INFORMATION MANAGEMENT (CIM):** DoD initiative to improve operations and manage resources more efficiently, make better use of information technology, and eliminate duplicative information systems.
- **DEFENSE EXPLOSIVES SAFETY MANAGEMENT SYSTEM (DESMS)** being developed under the CIM initiative to:
 - **IMPROVE** Decision-making by Improving Management accessibility to and exchange of Explosives Mishap Data and Policy Guidance
 - **FACILITATE** Required Explosives Safety Reviews