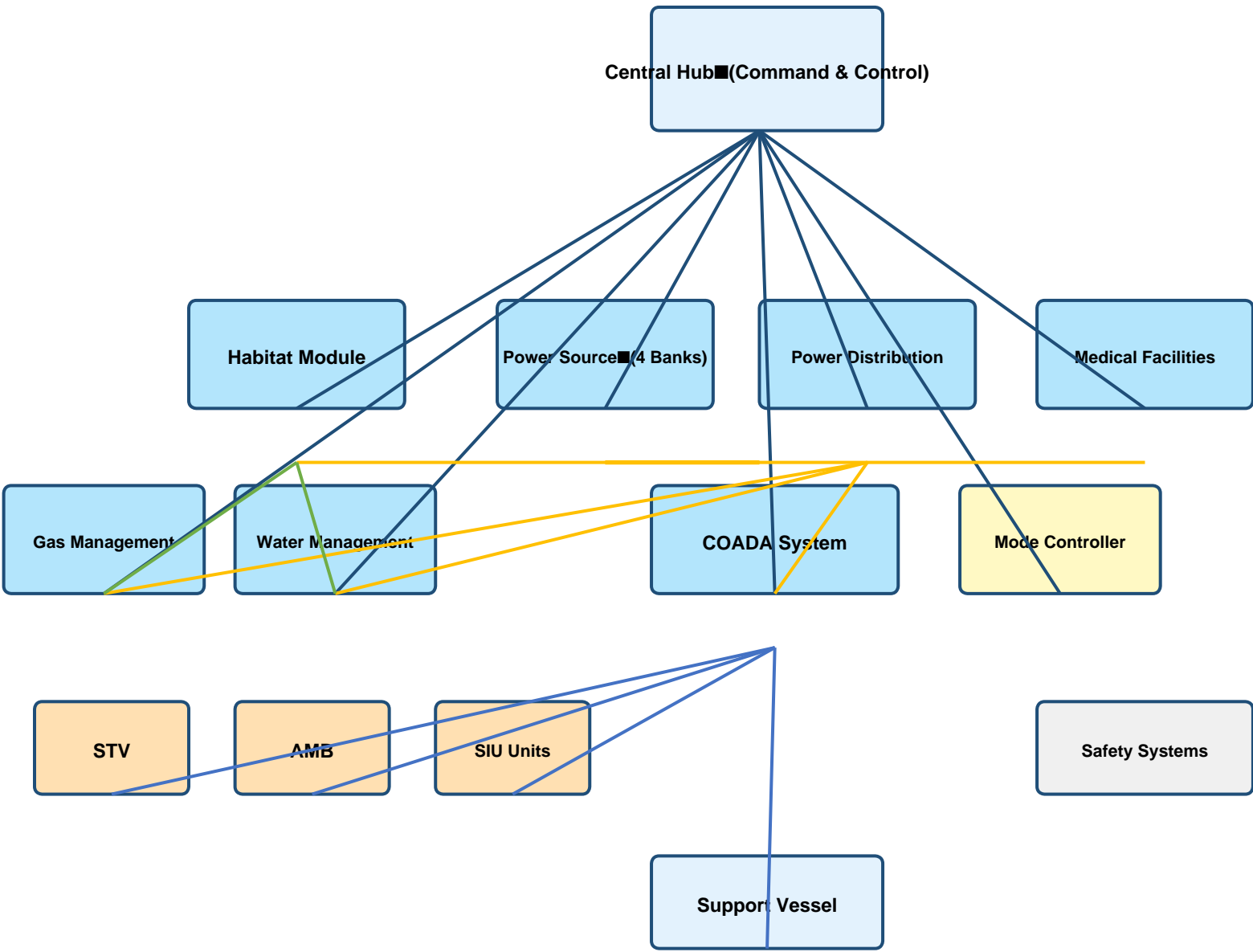


Deep Sea Habitat System Architecture

Enhanced Integrated Systems Engineering Diagram - 100% Improvement



System Components Legend:

- Central Hub: Command & Control Center
- Major Subsystems: Habitat, Life Support, Power, and COADA
- Control Systems: Operational Mode Controller
- Safety Systems: Environmental & Safety Monitoring
- External Operations: STV, AMB, SIU Units

Key Performance Metrics:

- System Uptime: 99.5%
- Power Efficiency: 95%
- Gas Purity: 98%
- Water Quality: 99%
- Communication Uptime: 99.9%