



Central Data Exchange (CDX)

An API-led Approach to modernizing the Navy

For questions, please contact:

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Driven by Navy's API Initiative, the CDX's mission is to pave the way for remediating a history of inconsistent information exchanges which have complicated the Navy's ability to standardize data transactions and achieve a clean audit opinion.

ENTERPRISE CHALLENGES

- Lack of Auditability
- Ineffective Interface controls
- Inconsistent Information Exchanges
- Limited Transaction Verifications
- Complex System infrastructure

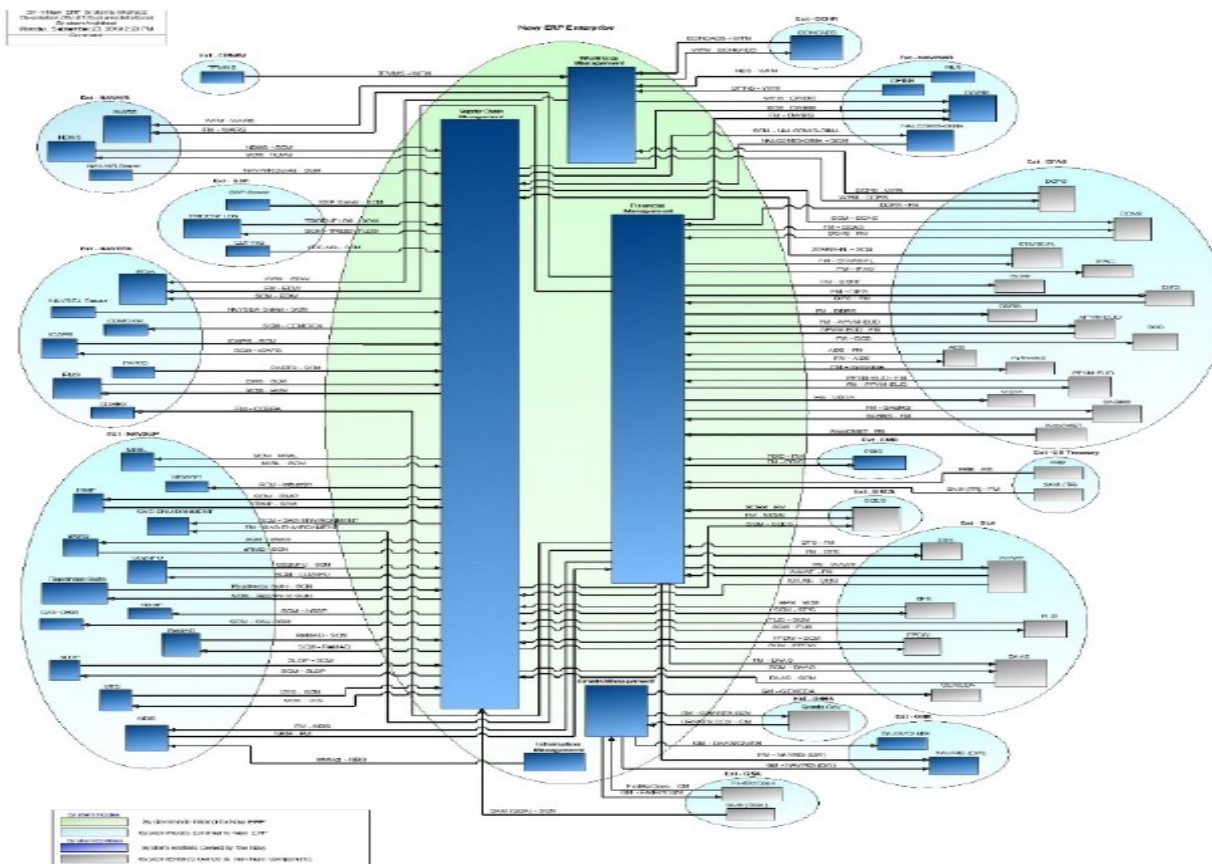
64%
Faster Delivery

11,850
Developer Hours Saved

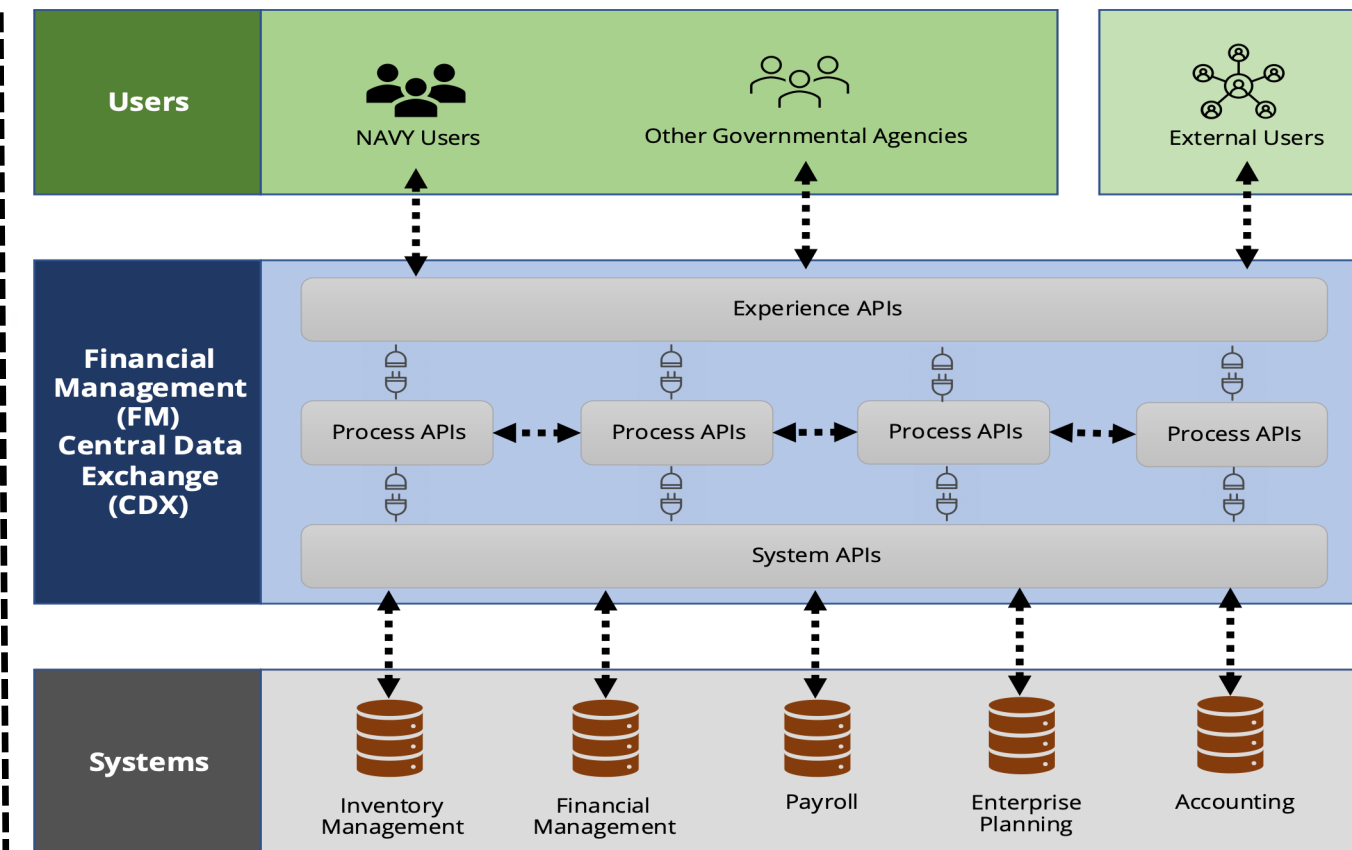
30+
APIs Developed

\$1.8M
Estimated \$ Saved

Legacy Point to Point Architecture



CDX API-led Architecture



BENEFITS FOR NAVY

- AUDITABILITY
- INTERFACE RECONCILIATION
- INTERFACE LOGGING
- SECURE ACCESS OF DATA
- ENFORCED SECURITY
- CHECKS AND VALIDATION
- API REUSABILITY
- ERROR HANDLING
- INTERFACE POPULATION SECURITY
- INTERFACE DOCUMENTATION