

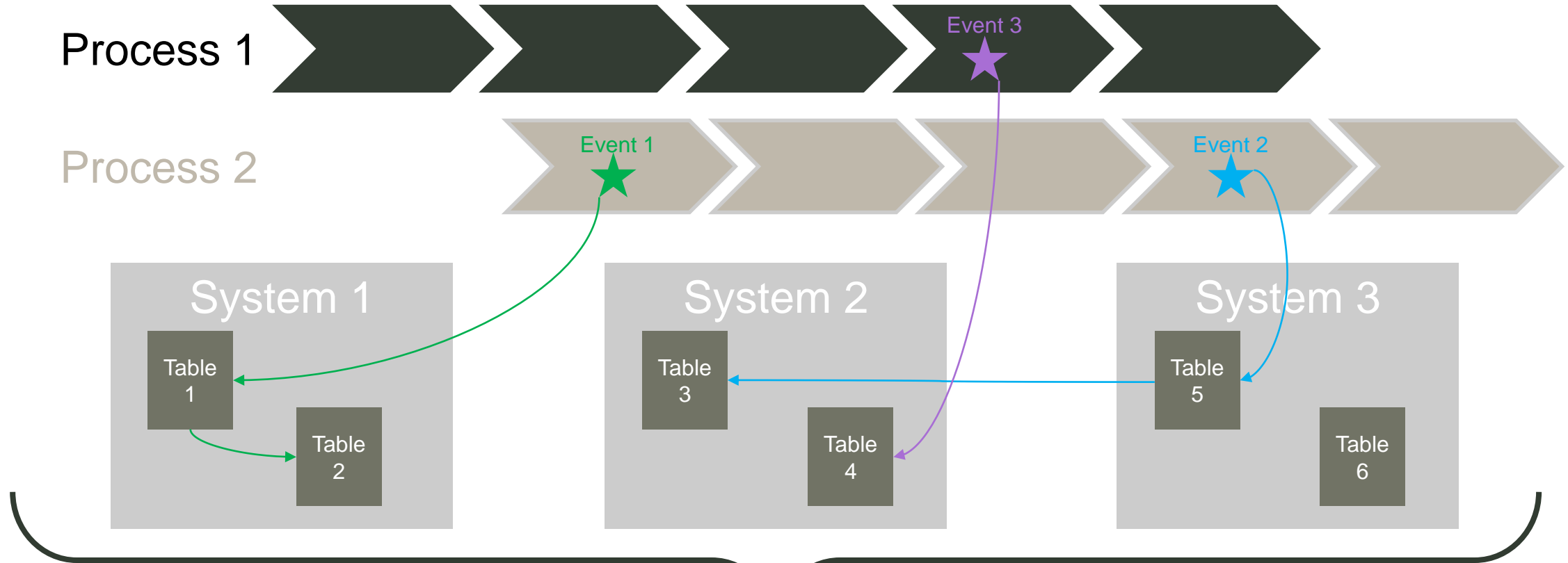


ENTERPRISE UNIVERSE OF TRANSACTIONS (EUOT)

EXECUTIVE BRIEF



PROBLEM STATEMENT: DECOUPLED PROCESSES AND SYSTEMS



With data strewn across the technical landscape, gaining insights is a challenge.



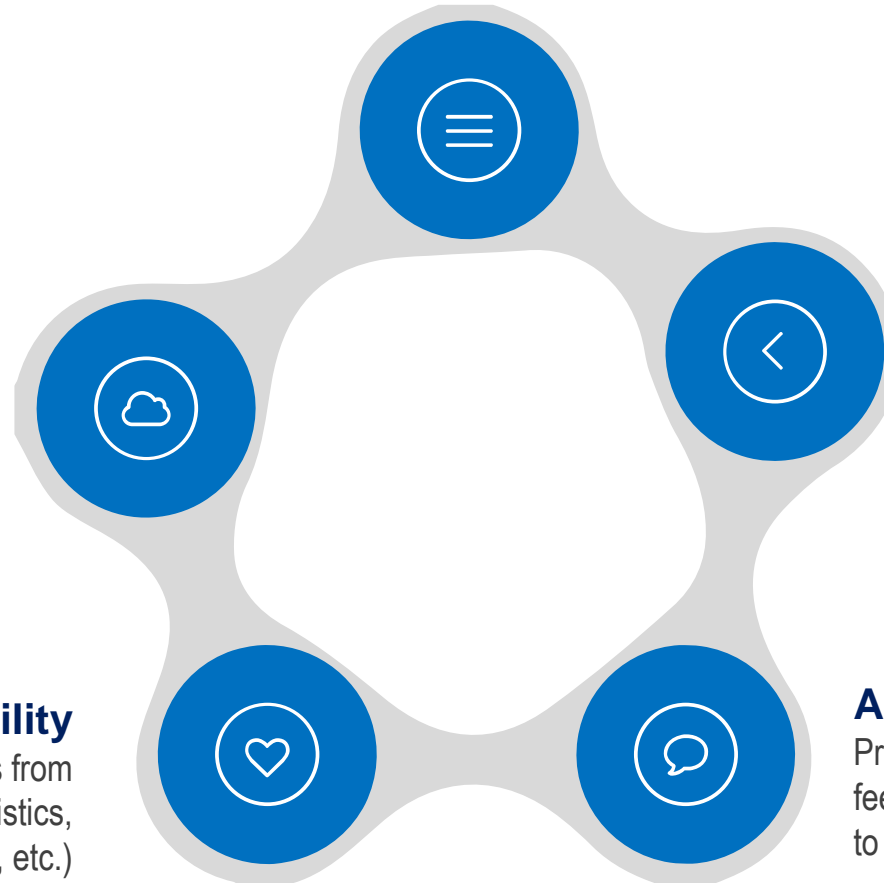
CHALLENGE 1: Get the Data
CHALLENGE 2: Interpret the Data



ARMY ENTERPRISE AUDIT REMEDIATION EUOT AS THE DRIVE FOR AUDIT IMPROVEMENTS

Generate an Army-wide Unadjusted Trial Balance (UTB)

Enables the generation of Army's UTB at a consolidated level including drill-down to trace all the way back to the originating transactional detail.



Establish a Universe of Transactions

Supports Army's ability to prove existence and completeness of Army data, paired with other big data efforts across the Department of Defense

Provide end-to-end audit traceability

Identify origination of financial transactions from start-to-finish and across processes (logistics, human resources, etc.)

Support audit sampling and prepared-by-client (PBC) requests

Enables the capability for headquarters and commands to provide data samples to auditors based on dynamically selected set of filter criteria.

Enables automated scheduled output of the data samples

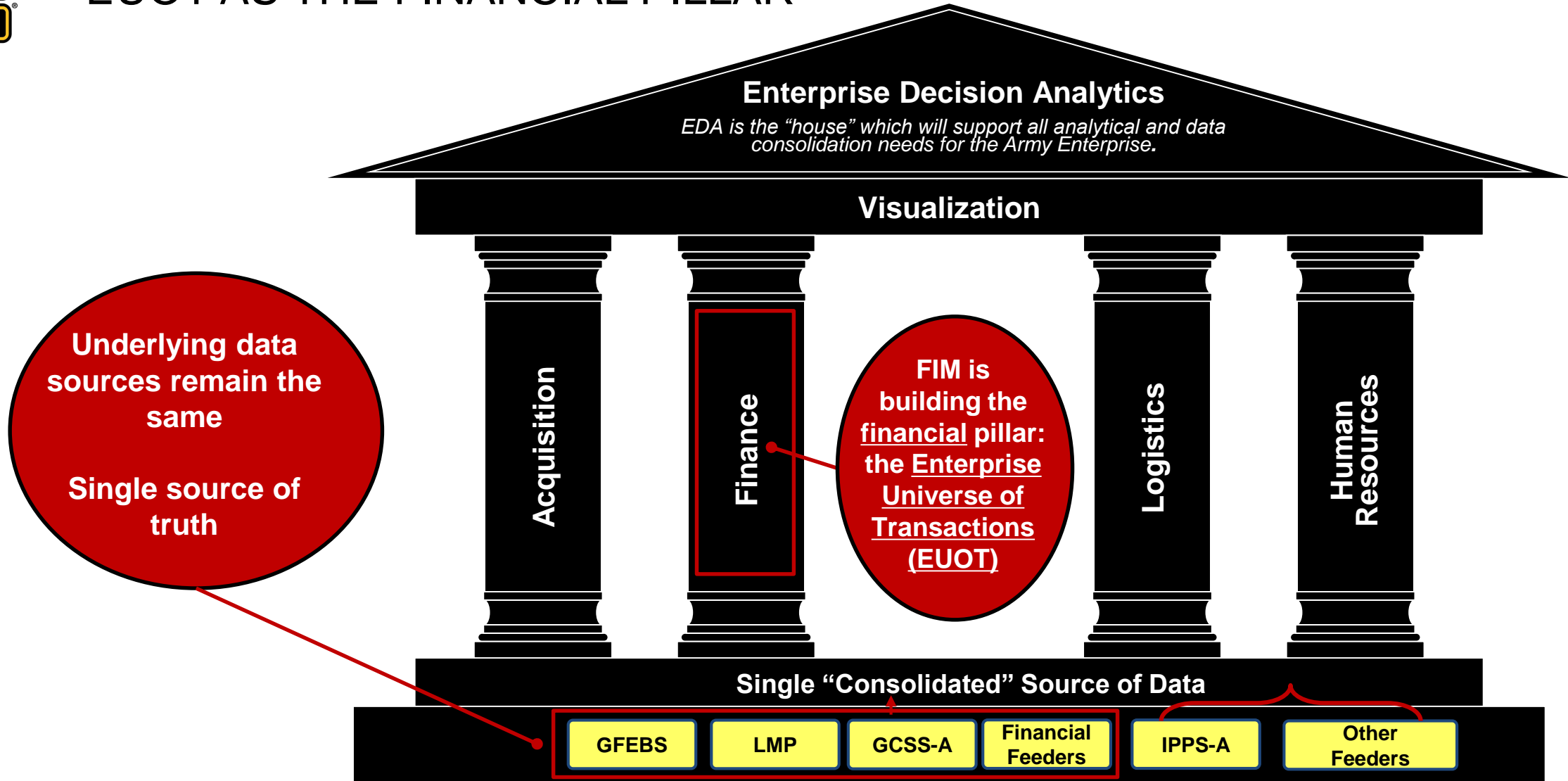
Automate system reconciliations

Provides automated reconciliation of data across multiple feeder systems based on a predefined set of filter criteria and to enables exception reporting to display mismatched records.



ARMY ENTERPRISE DECISION ANALYTICS

EUOT AS THE FINANCIAL PILLAR

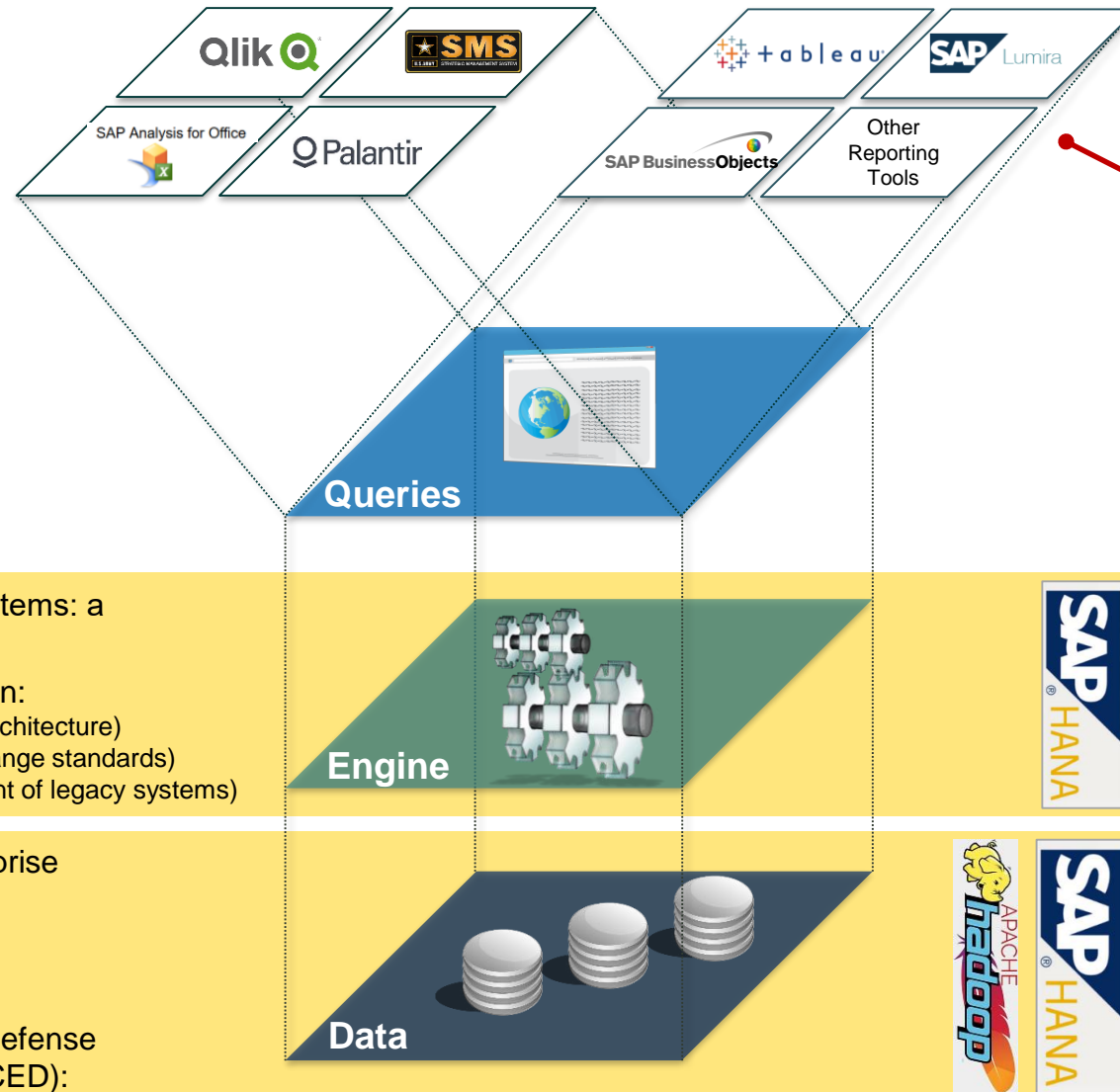


GFEBs: General Fund Enterprise Business System
LMP: Logistics Modernization Program
GCSS-A: Global Combat Support System – Army
IPPS-A: Integrated Personnel Pay System – Army



CHALLENGE 1: GET THE DATA

THE ENGINE THAT POWERS THE SOLUTION



All data mined by users from the same source of truth and presented in a common language

- Define a single common “language” for all systems: a standard semantic layer
- Leverage multiple sources to inform integration:
 - Business Processes (Treasury use cases, DoD architecture)
 - Data Governance (entity relationships, data exchange standards)
 - Systems Integration (Capability delivery, retirement of legacy systems)
- Real-time replication of tables in **Army** Enterprise Resource Planning (**ERP**) systems
- Batch loads of **Army legacy** data:
- Virtual access to **departmental data** within Defense Repository of Common Enterprise Data (DRCED):



BENEFITS

EUOT VALUE STATEMENT

Audit

- Audit Analytics capability
- Meets the audit related Prepared By Client (PBC) requests
- Automates sample data to auditors
- Creates single source repository (single source of truth) to include:
 - All accounting transactions
 - Business events leading to accounting transactions
 - Adjustments (including JVs), balances, and supporting docs
- Enables transparency for Army spending data
- Financial (accounting), logistical (contracts, invoices, purchase card), personnel (pay, travel), etc.
- Enables measurement of costs

Data Analytics

- Establishes the key infrastructure and data needed for EDA
- Ties business events to the trial balance
- Provides tools for rapid data analysis from systems (e.g., GFEBS, GCSS-A, LMP, Feeder systems), transaction types (e.g., Budget, Contracts, Civilian Pay, Travel), and Components
- Provides full capability to research and analyze the causes for posting inconsistencies and data variances
- Harmonizes cross-ERP data model and mappings to accommodate quirks of each program implementing in a silo

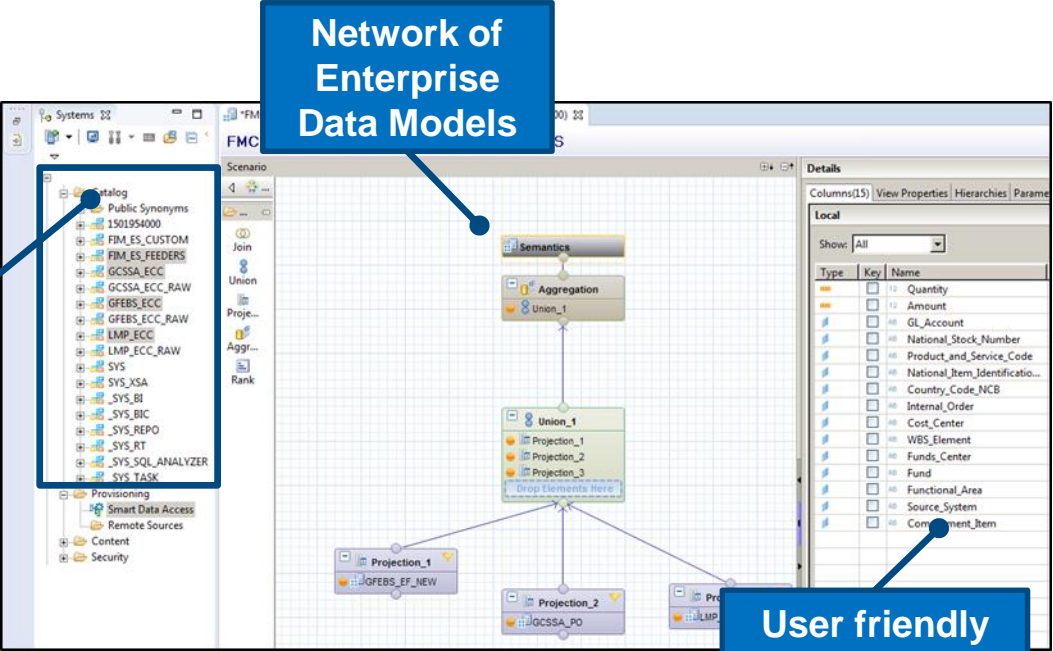
Reduced Systems Footprint

- EDA helps retire ODS, AAA AXE, BEST, CORPDB, FIRE, G8-FMIS, PFMS, OLRV, AFRIMS
- Reduces interface costs related to dumping data out of the system
- EDA provides option to retire GFEBS BI, LMP BI and GCSS-A BI
- EDA provides option to house IPPS-A BI



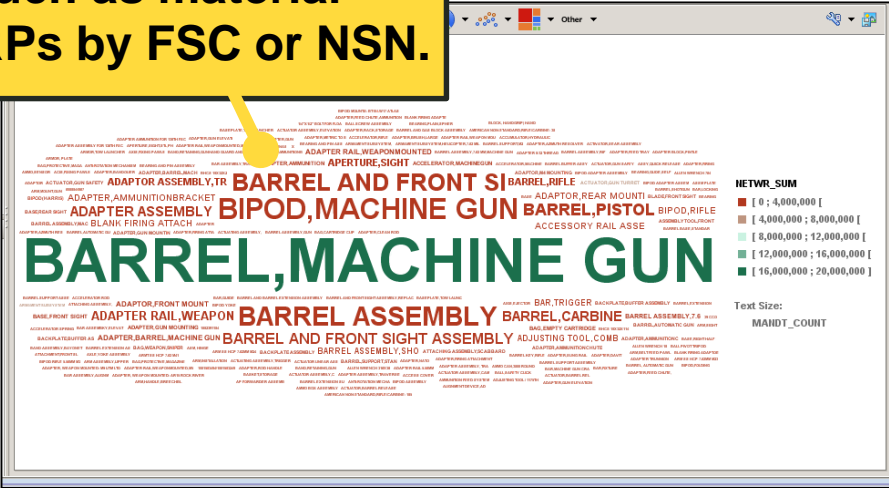
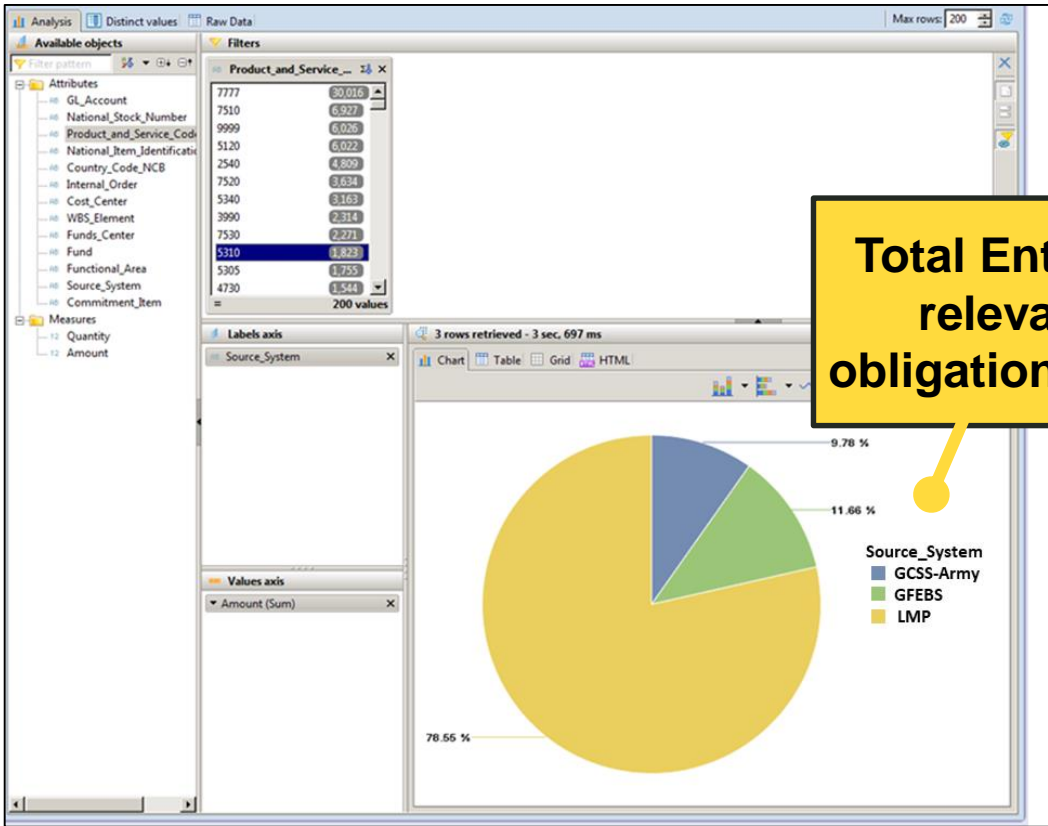
BENEFITS CAPABILITIES DELIVERED

- Raw Tables, replicated in **real time** from source
- Persistent copy of the data to:
 - Help with source system archiving
 - Reduce performance impact to source systems
 - Improve reporting speed



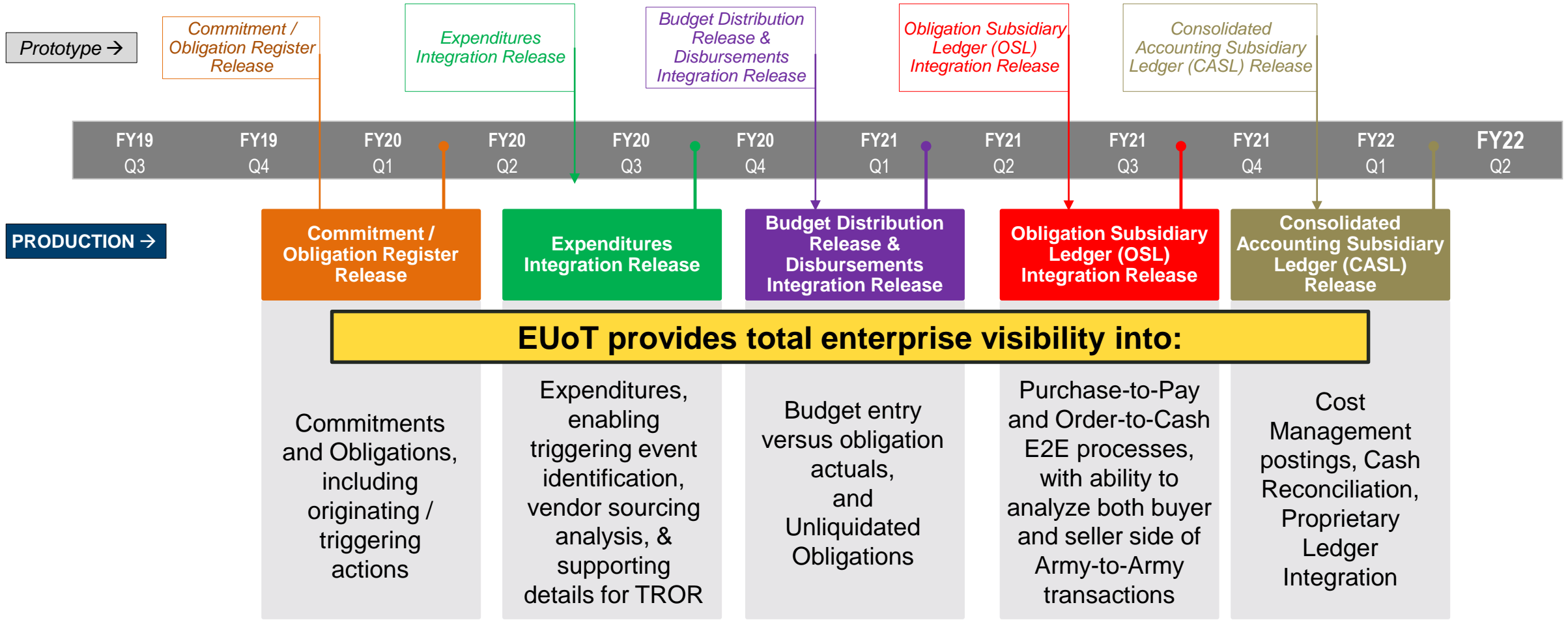
User friendly semantics

Total Enterprise Visibility of financially relevant events, such as material obligations across ERPs by FSC or NSN.





EUOT DEVELOPMENT MILESTONES



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