



NOAA NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION
UNITED STATES DEPARTMENT OF COMMERCE

Discoverer Training FMC Business Area

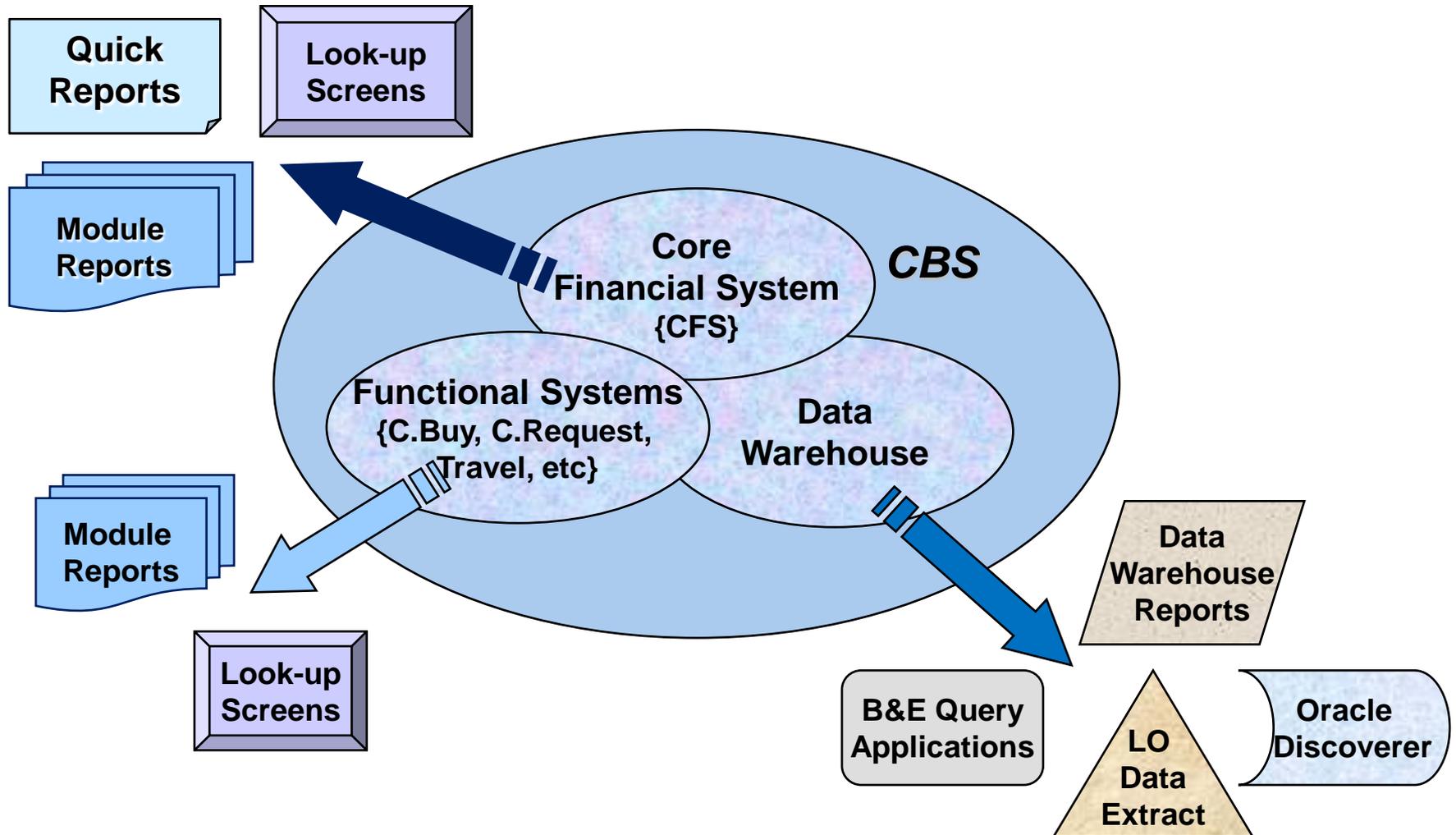
FY 2012 – October
V 1.0

What is Data Warehouse?

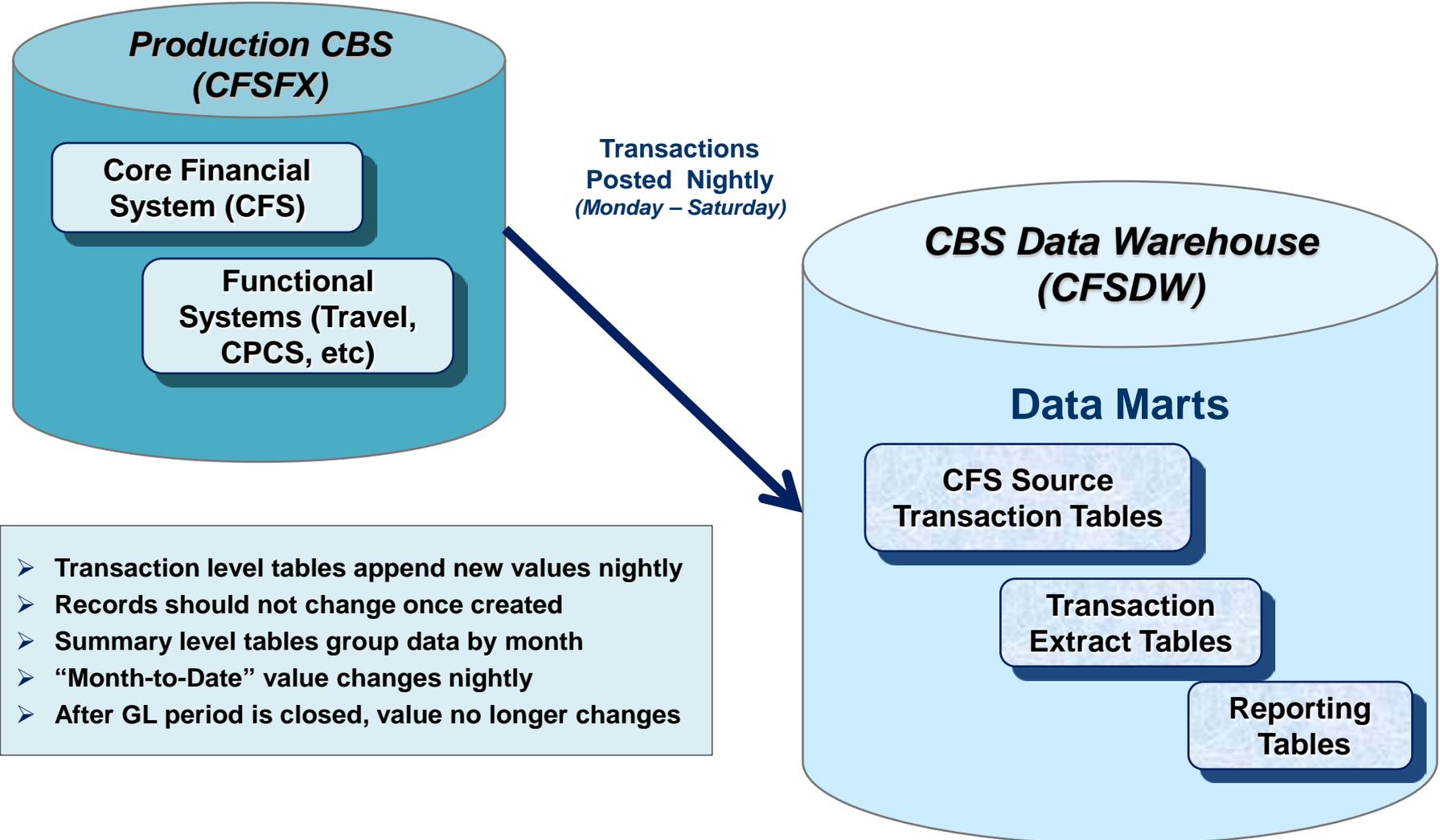


- It is a central repository of data
 - Extracts data from all components of CBS
 - Commerce Business Systems
 - Is a Snapshot of the Previous Day's work
- It allows users an easy way of getting information
 - Does not compete with Production

Systems within CBS



NOAA Data Warehouse



- Transaction level tables append new values nightly
- Records should not change once created
- Summary level tables group data by month
- "Month-to-Date" value changes nightly
- After GL period is closed, value no longer changes

Accounts & Access



- Access for both CBS & DW is now through the Web Portal
 - https://cbs.rdc.noaa.gov/nmadmin/Custom_Pages.login_page
 - One User Name
 - OPS\$FIRLAS##
 - One Password
 - Minimum of 12 Characters
 - 1 Upper Case
 - 1 Lower Case
 - Special Character (# or _)
 - Discoverer uses same User Name & PW
 - Different URL
 - <https://cbsquery.rdc.noaa.gov/discoverer/plus>
 - Must be access through a new browser window
 - » IF CFS/DW is open in another



- Web-based
 - Analytical Tool
 - Standard Queries Established (Workbooks)
 - Non-technical users can execute
 - Additional Capabilities Beyond DW
 - Multiple “views” (worksheets) to workbooks
 - Manipulation of report
 - Exporting of report to Excel
 - Various Business Areas

Discoverer Business Areas



A business area (BA) is a collection of related information within the data warehouse that “focuses” the view to a limited subset of information

The Data Warehouse staff, based on user reporting requirements, locates related information in the database and organizes the data into business areas so that the users can focus on the data content without having to understand the underlying data structure

The NOAA Data Warehouse staff, in conjunction with the relevant user groups, determine which users have access to specific business areas



- **All Business Areas read from the same DW tables**
- **May contain copies of CFS source transaction tables**
- **Determines which tables/fields are available and how data is organized**
- **Users may have access to multiple Business Areas**

NOAA Business Areas



Business Area

Financial Management Center

Line Office

Budget

Accounts Payable

General Ledger

Labor Research

Accounts Receivable

Target Users

LO/FMC - General Users

LO/FMC - Power Users

NFA & NOAA Budget Offices

Finance - HQ & Field Finance Branches

Finance - Financial Reporting Division

Finance - Labor Staff (Restricted)

***** Under Development *****

FMC Business Area Comparison



FMC

Target: General Users

Discoverer (limited)

- Execute queries created/validated by others
- Select values for parameter fields
- Tailor sorting, layout, presentation options, and export to various formats

Training: 1 day CBS Training

Other

Target: Power Users

Discoverer Plus

- Create, modify, execute, share and delete queries
- Alter queries created by others and save under own account (no longer shared at that point)

Training: 2 days Oracle Training plus a knowledge of NOAA Discoverer table structure

FMC Business Area Reports



- **Reference Data**
 - Data Warehouse Status Workbook
 - Data-Dictionary Workbook
 - Reference Data Workbook*
- **Budgetary Data**
 - Monthly Budget Reports Workbook
 - Monthly & Quarterly Execution Review (w/FTE data)
 - NOAA 117 Workbook
 - NOAA 118 Workbook
- **Other Data**
 - CBS-Active-Document Workbook
 - Document-Status Workbook
 - Transaction Activity Workbook

Document Numbering



- No single identifying number in CBS
 - To identify documents
- Data Warehouse Assigns
 - Number called **Affected Document Number**
 - Links all transactions through document's life cycle
 - Document Chaining
- Document chain broken with Summary Level Transfers (SLTs)
 - SLTs done at summary level
 - Chaining is gone, but dollars should be correct

Requirements Process



Requests must be processed through Line Office Software Council representative



LO representative submits to CBS Software Council



Software Council prioritizes requests



Resources/funding determination



NOAA CBS Software Council Representatives



BIS

Brad Burke

CIO

Kathy Stowe

EDA

Joann Gale

GC

Randall Bohnert

NESDIS

Angel Robinson/John R. Phillips

NMFS

Mark Blades

NOS

Renee Galloway

NWS

Mary Rieck

OAR

Michelle Chawlk

OFA

Daniel Bess

OMAO

Gerald Thomas

PPI

Tejuana Michael

Staff Offices

Tim Daley

NOAA Client Services Help Desk



- **Functional/Technical Support for CBS Applications**
 - Budget Operating Plans (BOP)
 - Reimbursable Agreements
 - SLTs & DLAs
 - Data Warehouse/Discoverer
 - Commerce Purchase Card System (CPCS)
 - Travel
 - C.Request/C.Buy
- **User Account requests, JAVA/JInitiator, etc.**
- **FSD/CBS Web Site** www.corporateservices.noaa.gov/cbs
 - Click on Help Desk link for additional info, phone numbers, etc.
 - Email: ClientServices@noaa.gov
 - Phone #: 301-444-3400
 - Option #4 – CBS (Discoverer)
 - Fax/Server #: 301-444-3401





Questions & Discussion