

Data Warehouse Training

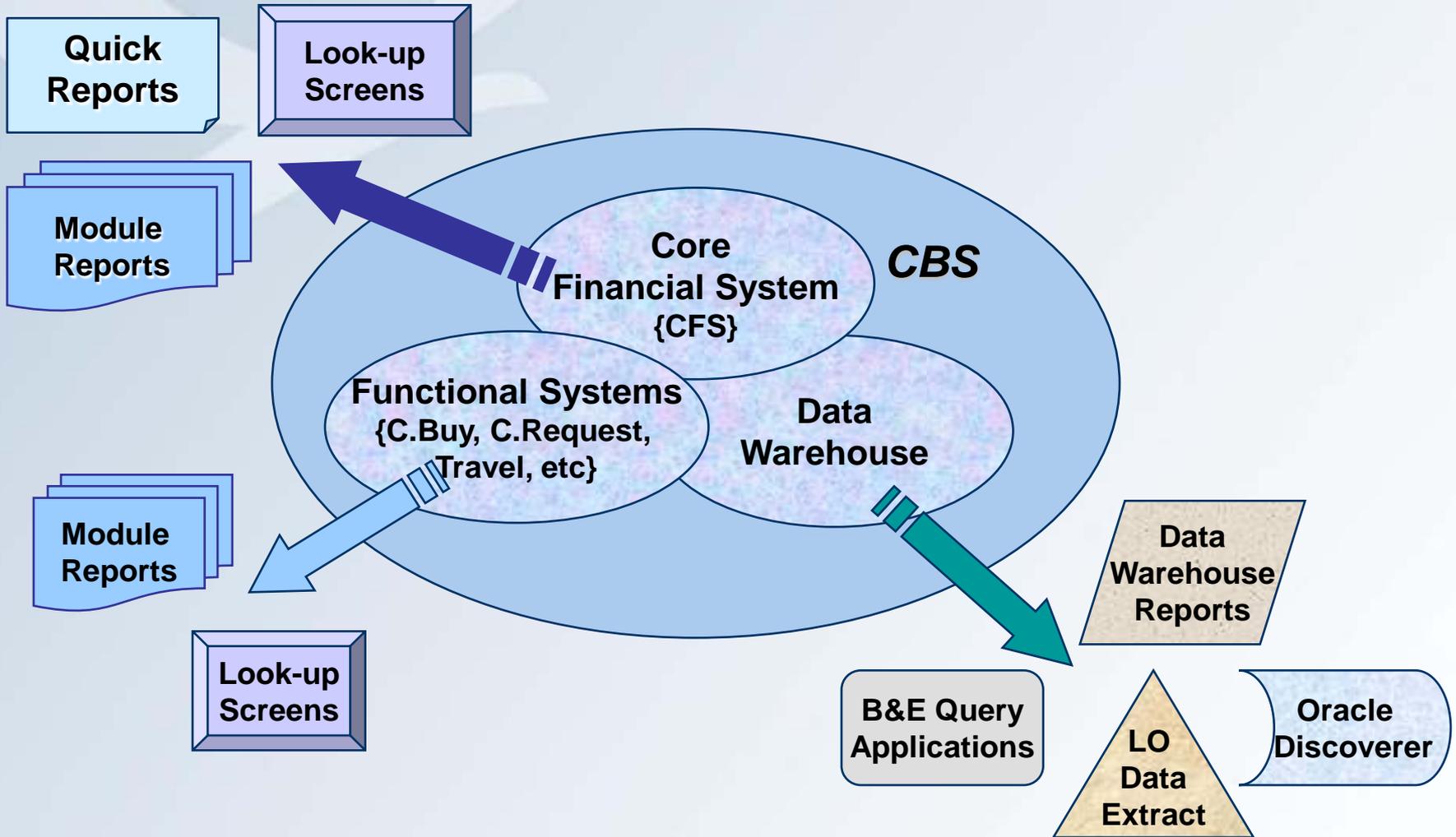
*FY 2011
October 2010
V 1.0*

Data Warehouse Description

- Central repository of data
- Designed for efficient use by analytical applications and user queries
 - Contrasts with most production applications which are designed for efficient input/capture of transaction data
- Established NOAA's Data Warehouse to extract information from various components of CBS
 - {Commerce Business Systems, formerly CAMS}
 - Facilitates performance of queries to avoid competing for resources within the production database



Sources of Reports & Data Within CBS



NOAA Data Warehouse Components

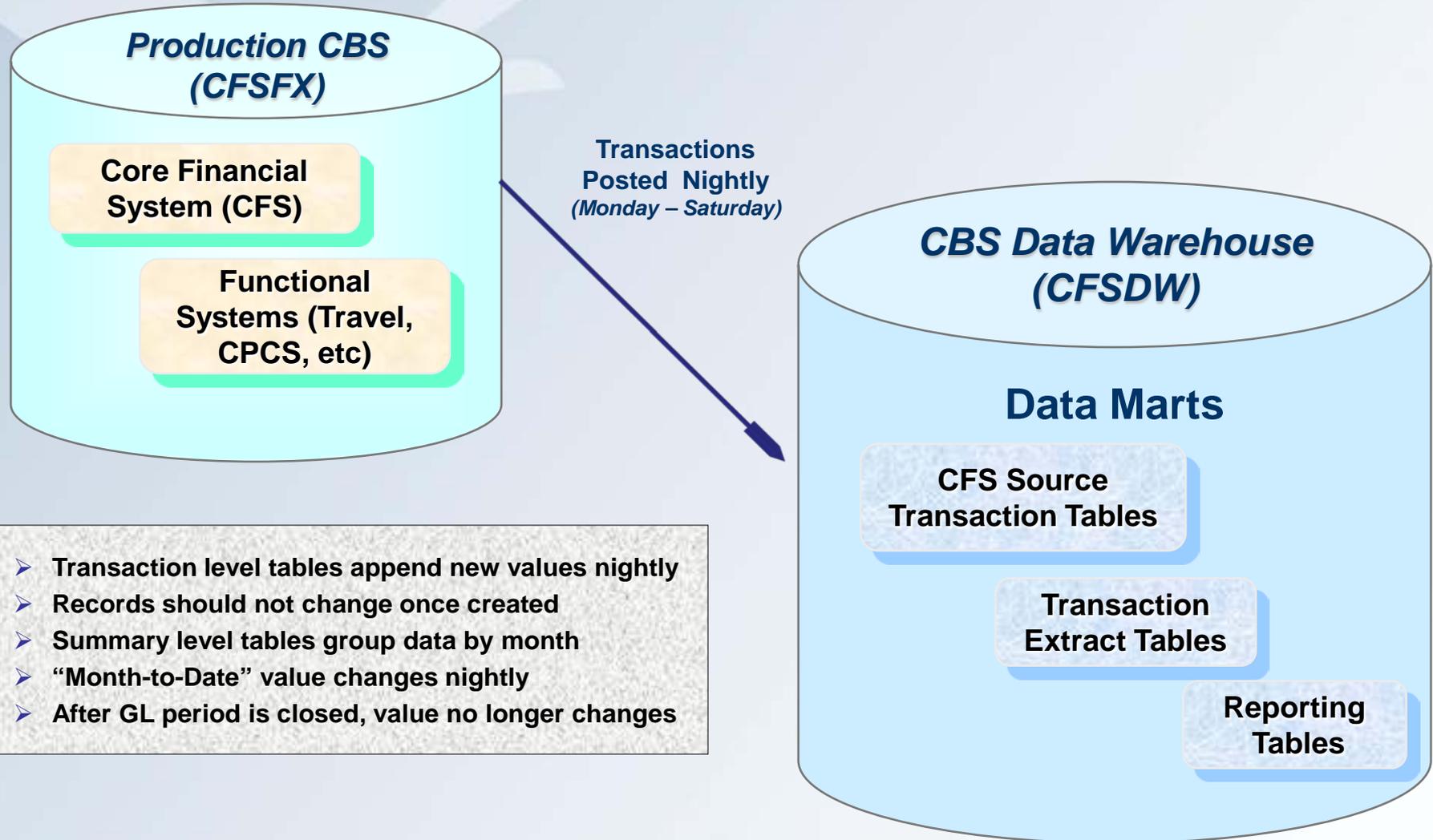
ORACLE

- **DW Standard Reports**
 - *Permits users to specify certain parameters*
- **Application Module**
 - *Budget & Expenditure Query (DOC code)*
 - *Data Dictionary*
- **Data Warehouse (DW) Status Screen**

- **Discoverer**
 - *Web-based ad-hoc query tool*
 - *Business Areas*
 - *Standard workbooks/worksheets*

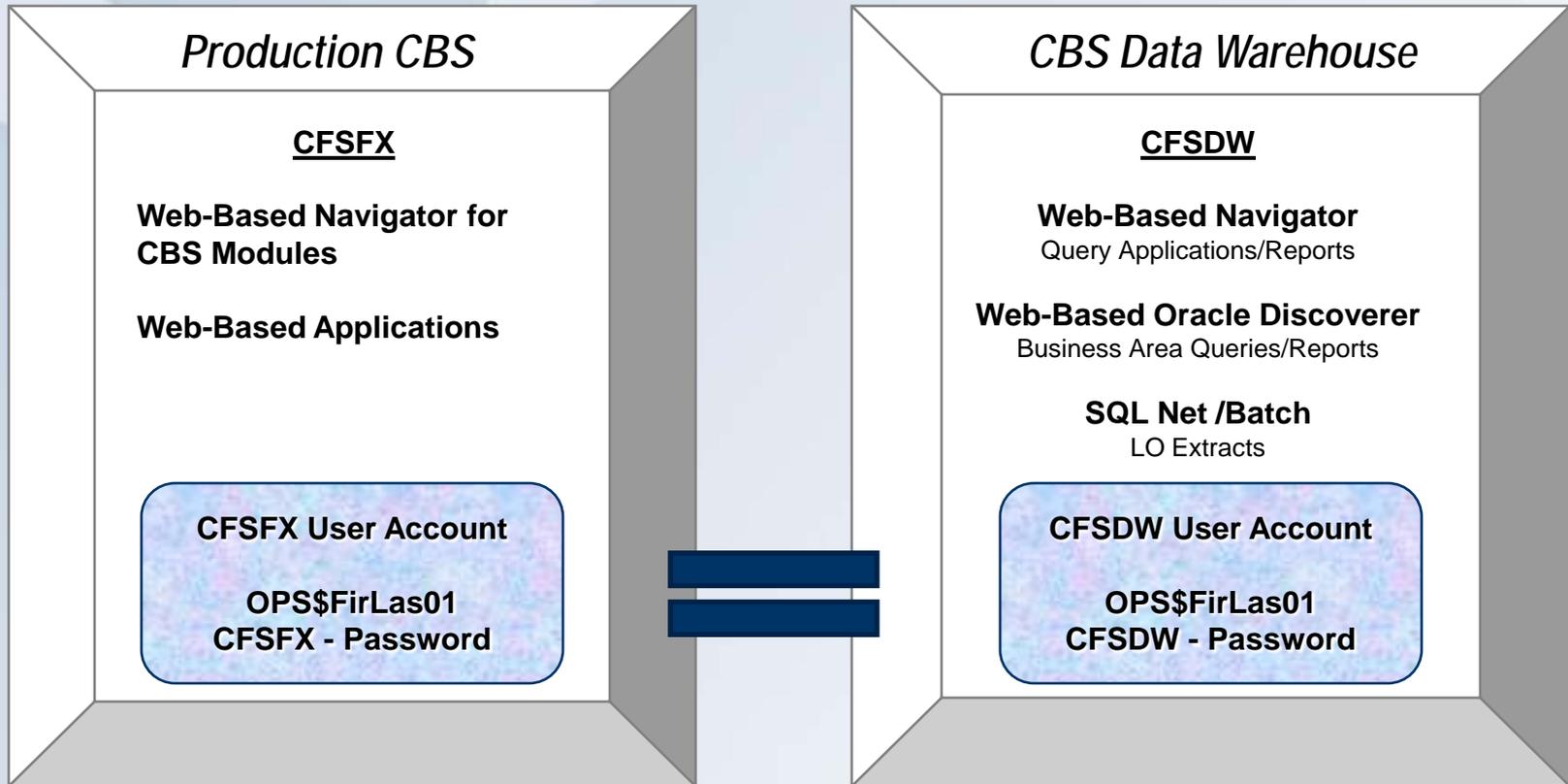
- **Line Office Extract**
 - *Batch interface for LO commitment tracking systems*
 - *Summary level data and transaction detail*
 - *Reads from DW tables*

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 Methods



- A user does not need a CFSFX account to have a CFSDW account
- Each database instance no longer requires a SEPARATE User ID and Password
 - The same User ID and Password will be used to access both using the Web Portal

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

Linda Rubio/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 Support

- 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
 - Fax/Server #: 301-444-3401



Questions & Discussion

Why...

What
about...

Will
this...

Who...