



CERP Integrated Database (CID) & the EverGlades Restoration data Extraction Tool (EGRET)

***Florida Water Resource Monitoring Council
Monitoring Catalog Workgroup Meeting (Webinar)
11 Jan 2012***

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Problem to be solved

- A significant number of environmental monitoring data records generated by CERP Projects and Program
- Data encompasses many different disciplines: biology, ecology, hydrology, water quality
- Data collected for many different purposes: regulatory, baseline, cultural resources, system-wide understanding, hydrodynamic modeling, etc.
- Data currently housed in many different locations: individual desktops, file cabinets, CDs, file servers, originating agency, etc.
- Similar data currently available in different formats: Excel spreadsheets, Access/Oracle databases, pdf tables, paper copy tables, etc.



Storing Data in the CERPZone

CERP Users



Project Managers
Planning Leads
Project Team
Members



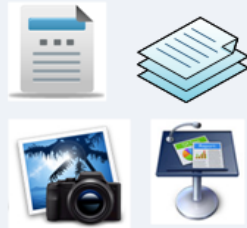
CERP Scientists
CERP Data Providers



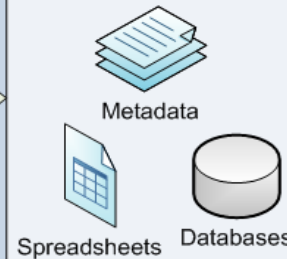
CERP GIS Providers

CERP Decision Support Information

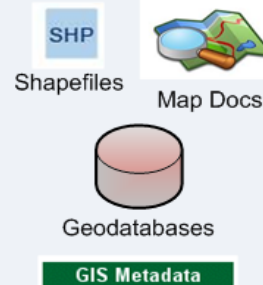
CERP Documents



CERP Monitoring Data



CERP GIS Data



CERPZone Solutions



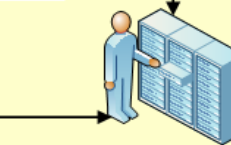
All CERP Planning Documents, including such files as Agendas, Contracts, Scopes of Work, Reports, Presentations and Photos are stored in CERPZone Documentum.



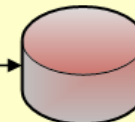
CERP Morpho

CERP Integrated Database (CID)

Archive and Working Area



DASR – for Data File Storage



CERP GIS SDE Database



Impact

- Months must be spent by several individuals to locate and collate needed data to answer specific questions: System Status Report, Biological Opinions, Cultural Resource reviews, application of Adaptive Management policies, etc
- Additional information gathered by associated projects or programs are not leveraged by each other: don't know its there
- Loss of efficiency in performing seemingly easy assessments of the projects and program and consequently, timely application of adaptive management



Solution

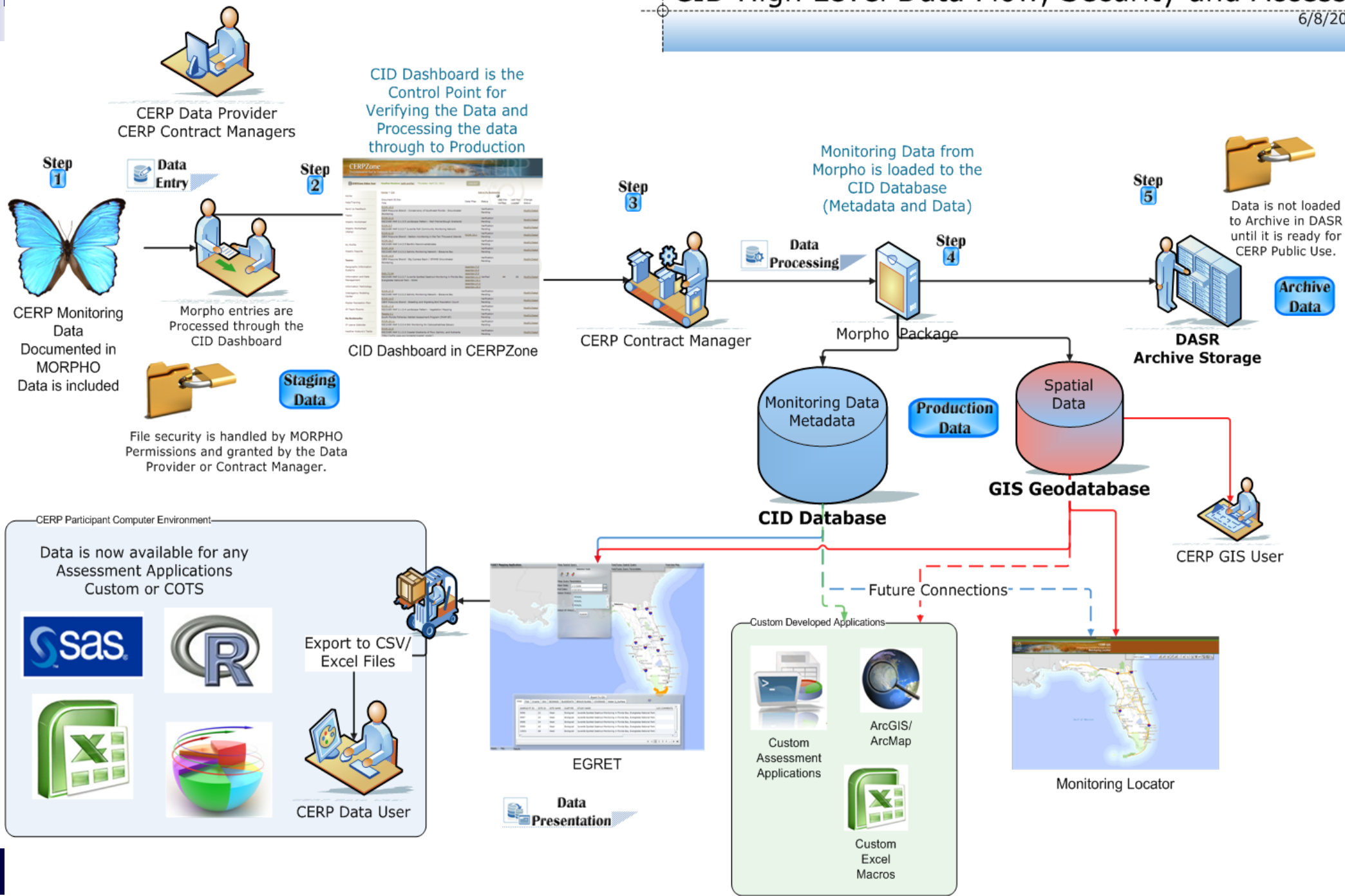
- To create a tool which would house CERP monitoring data and provide a user-friendly access interface to that data.
- In FY10, the RECOVER AT tasked Greg Graves (SFWMD) and Sue Kemp (USACE) to propose an effort by CERP IDM to create a data management solution
- CITIF 197: Data solution for all MAP monitoring data, CERP Planning data, and CERP Project data
- CERP Integrated Database (CID) & the EverGlades Restoration data Extraction Tool (EGRET)



Benefits of the CERP Monitoring Data Storage Process

- Standardization of package data (Metadata, data files and site files)
- File and Package level security is available on all data loaded
- Tracking and indexing of complete data inventory
- Access is by type of data, searching across multiple studies
- Relational data storage is open to other processing applications
- Designed for Low Maintenance





Questions?

