

Hydro Data Management Enterprise Architecture Project Documentation
 BSS provided technical writing and editing support to the SFWMD SCADA & Hydro Data Management Department. A total of eight documents were completed to support the “TO BE” business requirements, system architecture, application consolidation, and implementation strategy project. These project documents describe the proposed application architecture solution that is capable of improving productivity, reducing data processing and data QA/QC costs, consolidating hydro data management applications, and increasing overall process efficiency.

Business Architecture Document		Version: 2.0	
HDM-BSO-014		Date: October 2006	

Table of Contents

Definitions, Acronyms, Abbreviations, and Terms	4
1.0 Introduction	6
1.1 Purpose.....	6
1.2 Scope.....	6
1.2.1 EQUEST Interface.....	6
1.2.2 SIM Interface.....	6
1.2.3 DBHYDRO Interface.....	6
1.2.4 OASys DNA Interface.....	7
1.2.5 ESC Interface.....	7
1.3 Intended Audience.....	7
1.4 Overview.....	7
2.0 Business Architectural Goals, Constraints, and Non-functional Requirements	8
2.1 Business Architectural Goals.....	8
2.2 Business Architectural Constraints and Non-functional Requirements.....	9
2.2.1 Overall.....	9
2.2.2 Availability.....	10
2.2.3 Compatibility.....	10
2.2.4 Cultural and Political.....	11
2.2.5 Legal.....	11
2.2.6 Maintainability.....	11
2.2.7 Performance.....	11
2.2.8 Reliability.....	11
2.2.9 Security.....	11
2.2.10 Scalability.....	12
2.2.11 Usability.....	12
3.0 Business Process Architecture	12
4.0 Data Architecture	14
5.0 Application Architecture	15
6.0 Technical Architecture	23
7.0 Deployment View (Technical Architecture)	26
8.0 References	28

Page 1 of 28

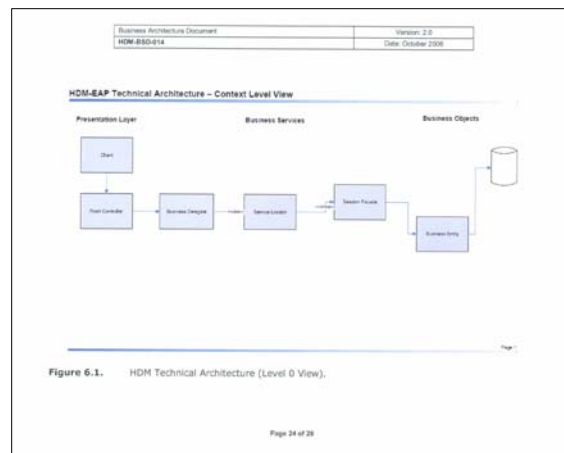


Figure 6.1. HDM Technical Architecture (Level 0 View).