

**Argonne National Laboratory
Business Applications**

4/9/2004

Functional Category	Application ID	Application Name	Application Description	Vendor Product	Software and Release Level	Database Engine	Database O/S	Used By
Asset Management	AMMS	Argonne Materials Management System	AMMS is an in-house developed Inventory system used for stocking, tracking, pricing, and recording of all inventory items.		Oracle Forms 3.0	Oracle	HPUX	Work Group
Asset Management	PI	Physical Inventory	PI is a barcoding, scanning, physical count and auditing system. Both ANL East and West are required by the Department of Energy to conduct a complete physical inventory of all current use and spare part stock at least once per calendar year. Generally, each laboratory completes this task by conducting two inventories each year; one of both ANL East and West current use stock, and one of both ANL East and West spare parts stock.		PowerBuilder 8.0	Oracle	HPUX	Laboratory
Asset Management	PETS	Property and Equipment Tracking System	PETS, the Property and Equipment Tracking System was developed in-house and is used to record all equipment transactions including acquisitions, retirements, and depreciation of capitalized equipment and sensitive items.		PowerBuilder 8.0	Oracle	HPUX	Laboratory
Budget	B&RM	Budget and Reporting Codes Maintenance	System to maintain the DOE Budget & Reporting Numbers (and related data).		Access2000	Access	Windows	Work Group
Budget	PPS	Budget Payroll Planning System	The Payroll Planning System (PPS) contains information needed for preparing payroll cost estimates and calculating planning data that will be used in the Fiscal Year Budget System (FYBS). Each planning rate system contains data for at least one cost center. Each cost center functions independently, and each planning rate system can contain multiple scenarios [e.g., one for the current year that can be used to monitor and adjust cost projections as the year progresses, one for each scenario required by the Office of the Chief Financial Officer (OCF) Budget Office during the annual budget formulation exercise, and a user-defined scenario that allows you to produce what-if analyses of estimated payroll costs		Access2000/Access97	Access	Windows	Laboratory
Budget	DECODES	Financial Reporting Decode Values	An application that maintains a multi-use table used to establish official accounting codes such as account group classifications, employee labor distributions, Associate Laboratory Director descriptions, etc.		PowerBuilder 8.0	SQL Server	Windows	Work Group
Budget	FYBS	Fiscal Year Budgeting System	The Fiscal Year Budget System (FYBS) is used to enter, store, and report on yearly budgeting information for the scientific, overhead, and non-direct tasks and work projects performed by the scientific and non-direct divisions at Argonne. The information is stored in a local database for each cost center and is forwarded to a central laboratory-wide database after work on a set of budget data is complete. FYBS can model scientific and overhead cost plans to determine what effort rates should be used to recover divisional overhead costs and to determine the individual overhead components of those effort rates.		Access2000/Access97	Oracle	HPUX	Laboratory



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Budget	FUNDS	Funds Allocation	The Funds Allocation system performs functions required in allocating and tracking Laboratory funds. These include activities performed by the Budget Office, such as entry of the Prime Contract, allocation of funds from the contract to a task, and goods and services on order (GSO) maintenance.		PowerBuilder 8.0	Oracle	HPUX	Laboratory
Budget	MAPPS	Management and Accounting Proposal and Planning System	The Management and Proposal Planning System (MAPPS) collects budget data from across the Laboratory and consolidates it to generate forms and reports required by the U.S. Department of Energy as part of the budget submittal process.		Access2000/Access97	Oracle	HPUX	Laboratory
Budget	MRATES	Master Rates	Maintains all rate data for Budget Systems.		Access2000	Access	Windows	Work Group
Budget	TASKMAN	Task Maintenance (Chart of Accounts)	In-house developed system to define the chart of accounts, including data required for DOE reporting, indirect expense assessment, and internal month end financial reporting.		PowerBuilder 8.0	Access	Windows	Work Group
Finance	AP	Accounts Payable (GEAC)	Commercial off the shelf client-server software purchased from GEAC (formerly MSA and Dun & Bradstreet Software) and implemented in June 1994. Runs on Microsoft SQL Server 2000. Records all Laboratory non-payroll disbursements including checks and wire transfers.	GEAC	Sql Server 7.0, (to SQL 2K in 4/04) Sybase PowerBuilder 5.0.04, Access 2000, Geac SmartStream 6.5.03	SQL Server	Windows	Work Group
Finance	FRANC	Financial Reports and News Center	In-house developed system to order paper Laboratory financial reports for printing.		Sybase PowerBuilder 8.0.3, Oracle8i Enterprise Edition Release 8.1.7.4.0	Oracle	HPUX	Laboratory
Finance	GL	General Ledger & Allocations (GEAC)	Commercial off the shelf client-server software purchased from GEAC (formerly MSA and Dun & Bradstreet Software) and implemented in January 1996. Runs on Microsoft SQL Server 2000. Records all Laboratory financial transactions with reference level (purchase order number, travel authorization number, etc.) detail for actual, commitment, and encumbrance activities. Includes chart of accounts, journal entry activities, historical data, and processes to allocate cost to lower levels.	GEAC	Sql Server 7.0, (to SQL 2K in 4/04) Sybase PowerBuilder 5.0.04, Access 2000, Geac SmartStream 6.5.03	SQL Server	Windows	Work Group
Finance	MRDOE	Monthly Reporting DOE and User Reporting	Month end reporting of financial data to DOE and Laboratory community. Reports may be printed on paper, viewed through Microsoft Access databases, or viewed on the Web. The month end financial data is available in Microsoft Access databases also for use by the Laboratory community.		Access 2000, SQL Server 7.0 (to SQL 2K in 4/04)	SQL Server	Windows	Work Group
Finance	NAPS	Non-AMPS Purchases and Contracts	Tracks all subcontract information including award amounts, cost to date, commitments, encumbrances, and month end accruals.		Sybase PowerBuilder 8.0.3, SQL Server 7.0 (to SQL 2K in 4/04)	SQL Server	Windows	Work Group
Finance	GETTHERE	On-Line Travel Booking System	Commercial application for on-line web-based booking of travel.	GetThere	COTS	N/A	N/A	Laboratory

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Finance	SS-PRO	SmartStream Purchasing & Receiving	Geac SmartStream Purchasing and Receiving for interfacing Accounts Payable with the Procurement system (Paris).	GEAC	Sql Server 7.0, (to SQL 2K in 4/04) Sybase PowerBuilder 5.0.04, Access 2000, Geac SmartStream 6.5.03	SQL Server	Windows	Work Group
Finance	WABR	Web Accounting and Budget Reporting	Monthly financial reporting available via the Web with drill down capabilities		Visual Studio 6	SQL Server	Windows	Laboratory
Finance	WPMAN	Work Project Task Maintenance	Internal tracking system used for work projects including data for signature authorization and reporting		Access 97	Access	Windows	Work Group
General Admin and Cross Cutting Apps	AUTOLINK	Automatic Linking to Production Code	Argonne administrative applications installer		ANL Admin Apps Remote Installation 8i	N/A	N/A	Laboratory
General Admin and Cross Cutting Apps	ISAAC	Information Services Authorization and Access Control	The Information Services Authentication and Access Control (ISAAC) system is used by the Computing and Instrumentation Solutions (CIS) Division to centralize user authentication and authorization to Operations applications. Features include the ability to assign an enterprise-wide user ID the first time system access is needed; a single data source for employee, visitor, collaborator, virtual roles, and permanent on-site people; a distributed web interface to approve a user's requested system roles and privileges; routing and approval of requested roles and privileges; an infrastructure to support enhanced authentication services; and a single shared source of roles and responsibilities information about ANL systems users.		ASP application developed in Visual Studio 6.0	Oracle	HPUX	Laboratory
General Admin and Cross Cutting Apps	INSIDE ANL	Inside Argonne Portal	Operations Web Content		SunOne Webserver 6.x, BASIS 9.1, BASIS Webserver Gateway 9.1, Macromedia Dreamweaver MX	Oracle	HPUX	Laboratory
General Admin and Cross Cutting Apps	SIGAUTH	Signature Authorization System	Maintains Signature Authorization information for Argonne East and West including financial level of authority. All data maintenance is performed at Argonne East, but the information is used Argonne West.		Sybase PowerBuilder 8.0.3, Oracle8i Enterprise Edition Release 8.1.7.4.0	Oracle	HPUX	Laboratory

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General Admin and Cross Cutting Apps	VIPER	Vulnerabilities Inspection Process: Exposure and Response	VIPER is a computer vulnerability tracking system that allows CSPR's to report on the action taken on vulnerability. Currently the vulnerabilities are being scanned by two pieces of software, one is Internet Scanning Software (ISS) and the other is Nessus. These results are then loaded into VIPER. The Vulnerabilities Inspection Process: Exposure and Response (VIPER) system is used to: Assist in the automated scanning of ANL network-attached devices for security vulnerabilities; Record vulnerabilities discovered during those scans; Notify the appropriate custodians (CSPR's) of those systems that potential vulnerabilities have been detected; Track the custodian's responses with respect to corrective action; and Report remediation status for appropriate follow-up action.	CA-WEB	caWeb v2.1	SQL Server	Windows	Laboratory
Health&Safety	CMS	Chemical Management System-MSDS, Inventory	The Argonne National Laboratory's Chemical Management System (CMS) is a windows-based computer application which stores and manages information about the chemicals used at the Laboratory. CMS is a two-part system consisting of the Material Safety Data Sheet (MSDS) system and the Chemical Tracking (CTS) system.		PowerBuilder 8.0.3	Oracle	HPUX	Laboratory
Human Resources	AAP	Affirmative Action Planning	Great AAP Affirmative Action Reporting system automates the annually required affirmative action plan preparation from both ANL-East and ANL-West	GREAT_AAP	Great AAP 1.2.1135	Oracle	HPUX	Work Group
Human Resources	CLEARANCE	Clearance Tracking System	Tracks all employees with clearances		Access97	dBase	Windows	Work Group
Human Resources	ETC	Employee Termination Clearance	Used to clear employees when they terminate or transfer.		Sysbase PowerBuilder 8.0.3, Oracle8i Enterprise Edition Release 8.1.7.4.0	Oracle	HPUX	Work Group



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Human Resources	FAVOR	Foreign Visitors Online Reporting	Tracks all Foreign National Visits and Assignments. The Foreign Assignment/Visit Request (FAVOR) allows you to electronically complete the Foreign Visit/Assignment Request (ANL-593) and associated components. The system generates the form for signature and submission to the Office of Safeguards and Security (OSS) Foreign Visit and Assignment Office. It allows you to: Complete and edit the ANL-593 interactively; Generate repetitive information for several ANL-593s (e.g., for seminars); Generate the associated security plan, including selection from specific organizational security plan templates; Extend assignments; Print the documents for management approval signature; and Submit the completed ANL-593 electronically. After the ANL-593 is submitted electronically, the form is printed out, signed, and sent to the Office of Foreign Visits and Assignments. Receipt of the signed form triggers a quality control check, and the electronic copy is placed in a queue that is uploaded into the DOE Foreign Access Central Tracking System (FACTS).		Jrun version 4.0	Oracle	HPUX	Work Group
Human Resources	HR	Human Resources System (HR, Benefits . . .)	Custom designed and developed system to effectively process changes in employment status; maintain and report employee information, benefits, compensation and performance.		Sysbase PowerBuilder 8.0.3, Oracle8i Enterprise Edition Release 8.1.7.4.0	Oracle	HPUX	Work Group
Human Resources	MER	Merit Review System	Provides for annual merit increase and performance bonus planning.		Sysbase PowerBuilder 8.0.3, Oracle8i Enterprise Edition Release 8.1.7.4.0	Oracle	HPUX	Laboratory
Human Resources	ADP-PAY	Payroll for Windows ADP	Payroll processing was outsourced to ADP in January 1996. ADP produces all employee paychecks in paper or electronic (EFT) form. In 2003, the APD I-Pay system was implemented allowing employees access to paycheck and W-2 information electronically. Also in 2003, the payroll tax preparation and filings were outsourced to ADP.	ADP	PC Payroll for Windows 4.5-12	Oracle	Windows	Work Group
Human Resources	PA	Performance Appraisal System	Automates the process of completing annual performance appraisals.		Jboss 3.0.7	Oracle	HPUX	Laboratory
Human Resources	PDS	Position Description System	Captures position descriptions for all employees and automates the creation of the ANL-1 (Human Resources Requisition)		Active Server Pages IIS 4.0-on NT 4.0	Oracle	HPUX	Laboratory
Human Resources	RETIREMENT	Retirement Billing Components	In-house developed system used to invoice and track payments for retiree health insurance premiums.		PB 8.0.3	Oracle	HPUX	Work Group
Human Resources	ABSENCE	Staff Absence Reporting	In-house developed system used to report and track Exempt staff absences for payroll purposes.		PB 8.0.3	Oracle	HPUX	Laboratory

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Procurement	PARIS	Purchasing and Requisitioning Integrated System	PARIS is an integrated electronic purchasing system that tracks the procurement process from requisition creation, through contract negotiation, contract creation , item receipt and contract retirement. The system includes automatic object approval routing that enforces ANL's procurement rules, paperless purchasing, event notification via email and shipping document management.	(core - ESG)	Sybase PowerBuilder 8.0.3, Oracle8i Enterprise Edition Release 8.1.7.4.0	Oracle	HPUX	Laboratory
Records and Publications	ACCESS	AIM Current Contents Electronic Search Service	ACCESS allows users to search multiple years of journal data with access to bibliographic data and abstracts via a web-interface. Data is purchased from ISI and loaded into a custom application. Automated searches are run every week. Users can also subscribe to receive, via email, the table of contents for new journal issues.		SunOne Webserver 6.x, BASIS 9.1, BASIS Webserver Gateway 9.1, Macromedia Dreamweaver MX	BASIS+	Solaris	Laboratory
Records and Publications	DD/DH	AIM DD/DH Business Communication Archive	The Business Communications Archive provides full-text access to official Laboratory memos.		SunOne Webserver 6.x, BASIS 9.1, BASIS Webserver Gateway 9.1, Macromedia Dreamweaver MX	BASIS+	Solaris	Laboratory
Records and Publications	FLR	AIM Forms Locator and Repository	The Forms Locator provides information on forms in use at the Lab. When possible, fill-able form templates or web links are provided to users.		SunOne Webserver 6.x, BASIS 9.1, BASIS Webserver Gateway 9.1, Macromedia Dreamweaver MX	BASIS+	Solaris	Laboratory
Records and Publications	APT	AIM Publications Tracking Database (Clearance)	APT tracks ANL-authored publications through the clearance process. When available, full-text (PDF) of documents is provided.		SunOne Webserver 6.x, BASIS 9.1, BASIS Webserver Gateway 9.1, Macromedia Dreamweaver MX	BASIS+	Solaris	Laboratory
Records and Publications	ARMIR	AIM Records Management Information Resource	The Records Management Database tracks information about active and inactive records at the Laboratory.		SunOne Webserver 6.x, BASIS 9.1, BASIS Webserver Gateway 9.1, Macromedia Dreamweaver MX	BASIS+	Solaris	Laboratory
Records and Publications	P&P	ANL Policies & Procedures	The ANL Policies & Procedures system provides online, full text access to ANL policy documents via a web-interface. The back-end of the system facilitates notifications to subscribed users about updates in the documents.		SunOne Webserver 6.x, BASIS 9.1, BASIS Webserver Gateway 9.1, Macromedia Dreamweaver MX	Basis+	Solaris	Laboratory
Records and Publications	ALEC	Argonne Library Electronic Catalog	ALEC is the catalog for the Argonne Libraries. Access is via a web interface. AE orders publications and subscriptions for AW via an IPD-accessible-only application.	OPEN TEXT	SunOne Webserver 6.x, BASIS 9.1, BASIS Techlib 9.1, BASIS Webserver Gateway 9.1, Macromedia Dreamweaver MX, Visual Basic 6.0 (SP5), InterDev 6.0, Crystal Reports 8.5	BASIS+	Solaris	Laboratory

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Time/Effort Report	COMET	Collection & On-line Management of Electronic Time	Comet is a legacy web-based payroll timecard system that will be replaced by the Kronos system by the end of April 2004.	KRONOS	TPS 6.6.5.J	file system	Windows	Laboratory
Time/Effort Report	COMETRPT	Comet Reporting	In-House developed system for Running Reports using Data Extracted from the COMET TimeCard System.		PB 8.0.3	Oracle	HPUX	Laboratory
Time/Effort Report	FASER	Financial Application for Scientific Effort Reporting	FASER is a client-server financial subsystem that allows the Scientific centers to report the hours worked by each employee by program or task. FASER was designed to provide a simple method for recording effort and reporting capabilities to the Scientific centers.		Sybase PowerBuilder 8.0.3, Oracle8i Enterprise Edition Release 8.1.7.4.0	Oracle	HPUX	Laboratory
Time/Effort Report	KRONOS	KRONOS	Commercial off the shelf web-based software purchased from Kronos, Inc. in September 2003. Implementation of the timecard reporting portion for all non-exempt employees will be complete in April 2004, after which use of the system will be expanded to include all exempt employees and time reporting at the project level. Time may be entered at time clocks (badge readers) or via the web. System includes robust query, reporting, and audit trail capabilities.	KRONOS	Kronos Workforce Central v4.3.8	Oracle	HPUX	Laboratory
Time/Effort Report	SCOAR	Service Center Operations, Accounting and Reporting	SCOAR is a client-server financial subsystem that allows Service Centers to recharge their expenses to their customers based on rates approved by OCF. SCOAR was designed to provide maximum independence and reporting capabilities to the Service Centers, and, at the same time, improve the efficiency of the Accounting systems.		Sybase PowerBuilder 8.0.3, Oracle8i Enterprise Edition Release 8.1.7.4.0	Oracle	HPUX	Laboratory
GLOSSARY								
		Functional Category	Category of services that the software application provides.					
		Application ID	An acronym or abbreviated name given to the software application.					
		Application Name	The name given to the software application.					
		Application Description	A general description of the function, scope and/or use of the application software.					
		Vendor Product	Software vendor name if the software is a commercial off-the-shelf (COTS) application.					
		Software and Release Level	Name and version of the software used to build and deploy the application.					
		Database Engine	Database software used to house the application data.					
		Database O/S	Operating system that the database runs on.					
		Used By	Defines the relative user base of the application. Work group: application is generally used by members of a single organization. Laboratory: application is used across the Laboratory.					

