

Instructions for Key Systems Inventory

Description	The Key Systems Inventory details the Enterprise Systems at MIT.
Version	0.1
Worksheet Definitions	
Key Systems Inventory	Key Systems Inventory; see above
Column Definitions	
Summary	A Summary of the system functionality
Maintained By	The Department in charge of the system
Contact	The full name of the contact person of the system
Accessed Off Campus	Details if the system can be accessed Off Campus or Not
Intended Availability	Details the hour availability of the system
Charge for Service	Details any charge for using the system
Primary User Base	Details the primary users of the system
Secondary User Base	Details the secondary users of the system, if any
Hardware Platform	Details the Hardware Platform the system is built on
Operating System	Details the Operating System of the system
Database	Details the Database used in the system
Services used/Available	Details any services the system uses or provides
Other Key Technology	Details any other relevant key technology of the system
Hosting Location	Details where the systems is hosted
Future Plans	Details any plans for the system in the near future

Key Systems Inventory

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SAP	MIT's Primary ERP Solution. Two Installations exist. One for Main Campus and on for Lincoln Lab. (This row refers to details of the installation on Campus)	Administrative Computing: Technical Services	Kevin Lyons, Ron Parker, Steve Landry	Yes, with a web certificate or kerberos principle	24 X 7 with down time weekly: Sat 1:00 am - Sun 6:00 am	No	Employees and Faculty	Anyone with an MIT ID and authentication principle	HP ES-20s & ES-40s	Tru-64, v5.1.a transitioning to v5.1.b soon	Oracle 8i transitioning to 9i soon	Roles, X509 Certificates, Kerberos		W91	SAP-BUD, migration of Nimbus functionality to SAP by Dec 2004.EHS SAP project: inspection and audit phase by Feb 2005, needs assessment by June 2005. Employee payroll into SAP by Jan 2006. Hardware renewal for the SAP platform in 2005. May also be an upgrade of the SAP version around the same time.
Summit															
TLO															
MIT Student Payroll															
Mainframe Payroll															
COEUS	MIT's Grant Management System. The main modules in Coeus are: Proposal Development, Proposals, Awards, Subcontracts, Negotiations, Person, Conflict of Interest and Report Tracking.	Office of Sponsored Programs	Steve Dowdy	Yes	24 x 7	No	Research Administrators, Controller's Office, All other administrative officers	PIs (Principal Investigators)	One Solaris box for Web and Application Tiers (2 processor USparc III, 2GB Memory), One Solaris box for the Database Server (2 processor USparc III, 2GB Memory)	Sun Solaris	Oracle 9i	X509, Kerberos,	Power Builder Interface (will become obsolete in the future), JSP/Struts, Java Swing Client	W91	Real time integration with SAP, Evolve Human Subjects to create a PI portal view of the world, Possibly Animal Care functionality

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<i>Nimbus</i>	NIMBUS is the system of record for general and auxiliary Institute budgets. It is integrated with SAP and maintains and feeds budget information to SAP and the MIT Data Warehouse.														
<i>Ecat</i>	ECAT is MIT's Web-based system for purchasing directly from selected MIT partner vendors. ECAT is integrated into SAP web for quick creation of requisitions.														
<i>Maximo</i>	Facilities' legacy system, for the processing of repair and preventative maintenance orders. (SAP Plant Maintenance replaces Maximo)	Facilities	Mike Sherman	Yes	24 x 7	No	Facilities, Housing, Electric Plant	Students							
<i>Insite</i>	Space Accounting System.	Facilities	Mike Sherman	No	24 X 7	No	MIT Students/Faculty/Staff		Windows 2000	Windows 2000	Oracle		IP Screening to restrict to on campus access	W 91	

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<i>SMS</i>	Space Management System. Allows people to model scenarios.	Facilities	Mike Sherman		24 X 7	No	MIT Students/Faculty/Staff				Oracle		Campus Map Service	W 91	
<i>PPL Keys</i>	Manages the inventory of all keys on Campus.	Facilities	Mike Sherman						VAX		Ingress			W91	
<i>Practice Management System</i>	This system is responsible for the operational aspects of the Medical Center.	Medical Dept.	Alison Knott, Kin Lie	Yes	24 X 7 with a short down time daily at 2am	No	Medical department and MIT Health employees		Dell	Windows 2000	Cache	Roles	IDX Application plus custom modules	E-23	Upgrading the to FlowCast, the latest generation of the IDX PMS system, with a web interface. In the process of making everything totally redundant within the health center.
<i>Electronic Medical Records</i>	An implementation of Allscripts' Touchworks product and is the central repository for all information pertaining to a patients medical record	Medical Dept.	Alison Knott, Kin Lie	Yes	24 X 7	No	Medical department and MIT Health employees		Dell	Windows 2000	SQL Server	Roles	TouchWorks by AllScripts	E-23	In the process of making everything totally redundant within the health center.
<i>Patient Online</i>	Patient On-Line is an online patient portal that is, at time of writing, limited in functionality.	Medical Dept.	Alison Knott, Kin Lie		24 X 7	No	Patients		Dell						Patient Online is a major ongoing initiative.
<i>E-Scripton</i>	This system	Medical Dept.	Alison Knott, Kin Lie		24 X 7	No	Medical department and MIT Health employees		Dell						

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<i>Corporate Database ILP</i>															
<i>Barton</i>	Barton is a Library Management System and is essential to nearly all aspects of operation of the library at MIT.	Libraries	MacKenzie Smith	Yes	24 X 7	No	Barton Front End: All of MIT; Barton Business Back End: MIT Staff	Barton Front End: All of the general public	Sun E450	Sun Solaris	Oracle	Kerberos, IS&T Gold Contract for Maintenance		14S	Enhancements to the web UI of Barton.
<i>EHSWeb</i>	Tracks employee training needs and trainings attended for health and safety	EHS	Jim Repa	Yes	24 X 7 with a 1/2 hr nightly backup	No	Anyone who needs to take training: Researchers/Faculty/Students, EHS Office, Admin/PI in DLC	Emergency Response People	Sun	Sun Solaris	Oracle	X509, Roles		W91	Migrate PI/SARA to SAP
<i>Card System</i>															
<i>Tech Cash</i>															
<i>Parking System</i>															
<i>Admissions Portal</i>															
<i>Undergraduate Admissions</i>															
<i>Graduate Admissions</i>															
<i>MIT SIS</i>	the MIT Student Information System, is an administrative system that serves all of the student services at MIT.	Student Services	Kent Dorsey	Yes	24 x 7 with daily downtime from 3am to 6am	No	MIT Students/Faculty/Staff		HP Alpha	OpenVMS	Oracle 7.3.4		SQL Forms 3.0 and SQR, Oracle Forms applications and batch programs run here, ProC, C, COBOL programs also run here	W91	
<i>WebSIS</i>	WebSIS, MIT's web-based Student Information System, provides students with full access to their financial and academic records.	Student Services	Kent Dorsey	Yes	24 x 7 with daily downtime from 3am to 6am	No	MIT Students, Faculty, Staff		HP Alpha	Tru64 Unix	Oracle 7.3.4		Netscape Web Server, SQR	W91	

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<i>Advance Sloan Admin DB</i>	Holds the Alumni data for Sloan School Alumni	Sloan School of Management	Al Essa			No									
<i>Sloan Space</i>	SloanSpace is a portal for the entire extended Sloan community.	Sloan School of Management	Al Essa	Yes	24 x 7	No	MIT Students, Faculty, Alumni, Staff	Industry Sponsors, Researchers	Sun B 440	Sun Solaris	Oracle		AOL Web Server, Oracle Database Server	W91	Reach a point where DOT LEARN is a stand alone project so if Sloan left the project would still go on.
<i>Stellar</i>	Stellar is a Learning Management System developed at MIT for managing the authoring and delivery of courses.	AMPS	Craig Counterman	Yes	24 x 7	No	MIT Students, Faculty, Staff		Sun	Sun Solaris	Oracle	Kerberos	Apache Web Server, Tomcat Application Server	W 91	
<i>OCW</i>	Makes the course materials that are used in the teaching of almost all MIT's undergraduate and graduate subjects available on the Web	OCW	Cec d'Oliveira	Yes	24 x 7	No	Anyone		Windows 2000		SQL Server 2000			Sapient	
<i>Dspace</i>	Provide long term storage options of digital products to MIT faculty and Researchers.	Libraries	MacKenzie Smith	Yes	24 x 7	No	MIT faculty and researchers		HP	Redhat Linux	PostgreSQL	X509		14S	
<i>Vera</i>	Allows access to MIT Library resources from off campus	Libraries	MacKenzie Smith	Yes but only for the MIT Community	24 x 7	No	MIT Students/Faculty/Staff		Sun	Sun Solaris	FileMaker			14S	

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<i>EZProxy</i>	Provides a way for libraries to extend web-based licensed databases to their remote users.	Libraries	MacKenzie Smith	Yes	24 x 7	No	MIT Students/Faculty/Staff							14S	
<i>SFX</i>	SFX is a tool to help you link from an article citation in a database to the full text of that article.	Libraries	MacKenzie Smith	Yes	24 x 7	No	MIT Students/Faculty/Staff								