

University-Unique Applications

SAP Implementation Status

- MM, PM implementation – 1999, legacy financial system.
- HR implementation – 2003
- CM implementation in process – due 2005
- 300+ Active users

- Mail system
- Software distribution
- Museum exhibits management

Mail System

- Manual process
- Many disagreements between office and users regarding charges
- Manual accounting process
- Not a part of regular operations

Mail System – Impl. Process

- Defining a storage location
- Defining mail system 'material' (catalogue number)
- Developing a new movement type

Mail System – Impl. Process

The screenshot displays the SAP 'Display Material (Initial Screen)' interface. The window title is 'Material' and the menu bar includes 'Material', 'Edit', 'Goto', 'Defaults', 'System', and 'Help'. The main area shows a search field for 'Material' and a 'Hit List' table. The table has columns for 'Material', 'Material description', 'MTyp', 'Product hierarchy', 'NowAvgPrice', and 'P05'. The data rows are as follows:

Material	Material description	MTyp	Product hierarchy	NowAvgPrice	P05
15225	AN INTERIOR MAIL	7M17		0.02	
15233	LOCAL EXPRESS MAIL	7M17		32.00	
15243	AIR MAIL	7M17		13.90	
15253	STAMP	7M17		1.00	

The status bar at the bottom shows 'HFP (1) (400) | sapsprod OVR' and the system clock indicates '12:50'.

Mail System – Impl. Process



'Receiving' goods to storage location, by material

Other goods receipts Edit Goto Movement type Environment System Help

Enter Other Goods Receipts: Collective Processing

To reservation... To order... To purchase order...

Movement type: 561 GI entry of st. bals

Item	Material	Quantity	UnE	SLoc	Batch	Re	Plant
1	15225	100	EA	6000			2000
2	15233	150	EA	6000			2000
3	15243	110	EA	6000			2000
4	15253	200	EA	6000			2000
5							2000
6							2000
7							2000
8							2000
9							2000
10							2000
11							2000

Entry 1 of 4

Mail system processing



Create reservation

Reservation Edit Goto Environment System Help

Create Reservation: Collective Processing

Delete item(s)

Movement type: 911 GI for CC PostOffice Goods recipient: IRIT 3403

Business area: Cost center: 1570

Item	Material	Quantity	UnE	Plant	SLoc	Batch	
1	15225	2	EA	2000	6000		<input type="checkbox"/>
2	15233	5	EA	2000	6000		<input type="checkbox"/>
3	15243	3	EA	2000	6000		<input type="checkbox"/>
4				2000			<input type="checkbox"/>
5				2000			<input type="checkbox"/>
6				2000			<input type="checkbox"/>
7				2000			<input type="checkbox"/>
8				2000			<input type="checkbox"/>
9				2000			<input type="checkbox"/>
10				2000			<input type="checkbox"/>
11				2000			<input type="checkbox"/>
12				2000			<input type="checkbox"/>
13				2000			<input type="checkbox"/>
14				2000			<input type="checkbox"/>

SAP

HFP (1) (400) sapprod OVR 12:47

Mail system processing

Mail room receives list of all open reservations

Open reservation management

Post office - work list

Print date: 14.04.2004
Stems: 15253 stock: 42.72

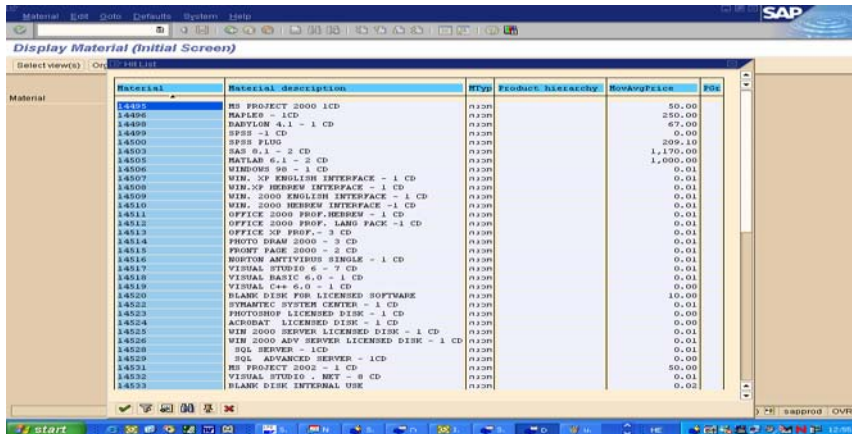
Res.	Stat.	Cost ctr	Reservation	Unloading point	Recipient	s Res.Value	Mat. doc	MatYr	Curr	s	Actual Val	s	Actual GI	Qty
85468	3	1205	14.04.2004	מנהל	מנהל	59.46			ILS		0.00			0
85469	3	1270		מנהל	מנהל	8.60			ILS		0.00			0
85470	3	1720		ירב תכלית	אחובה	23.48			ILS		0.00			0
85471	3	1309		חדר 406 בני ג' קונס	קונ אילון	102.42			ILS		0.00			0
85472	3	1204		מנהל	עמדה	24.12			ILS		0.00			0
85473	3	1311		חוד ד	חוד ד	215.84			ILS		0.00			0
85474	3	1281		משרד מדינת הכס	כלקית	2.68			ILS		0.00			0
85475	3	1600		קומה 3 מבני אילון	מנהל	0.06			ILS		0.00			0
85476	3	1240		חזר	סובה	134.08			ILS		0.00			0
85478	3	1238		רב תכלית חדר 104	יעל ר	0.08			ILS		0.00			0
85479	3	1306		בני רבין חדר 7064	מרת	124.72			ILS		0.00			0
85483	3	1300		רבין	מנה	0.12			ILS		0.00			0
85484	3	1300		רבין	מנה	7.80			ILS		0.00			0
85485	3	1377		חזר	מנה	88.24			ILS		0.00			0
85486	3	1890		חדר 185 בנין רב-תכלית	דורית	70.22			ILS		0.00			0
85489	3	1310		בני רבין	מנה	22.84			ILS		0.00			0
85491	3	1301		בני רבין חדר 7006	מנה	126.22			ILS		0.00			0
85492	3	1203		1402	חודית	57.10			ILS		0.00			0
85494	3	1280		למודים	מנה	2.66			ILS		0.00			0
85495	3	1470		הפקד לסדוקים והואתם	מנה	25.42			ILS		0.00			0
85496	3	1302		בנין מדרגה קומה 4 חדר 431	מנה	97.76			ILS		0.00			0
85497	3	1370				41.30			ILS		0.00			0
85498	3	1385		קומה 7	מנה	79.28			ILS		0.00			0

Software Mgt.

- Manual process
- Need to manage inventory for users and suppliers
- Manual accounting process
- Needed ability to control distribution and status

Software Mgt. – Imp. Process

- Defining a storage location
- Defining software system 'material' (catalogue number)

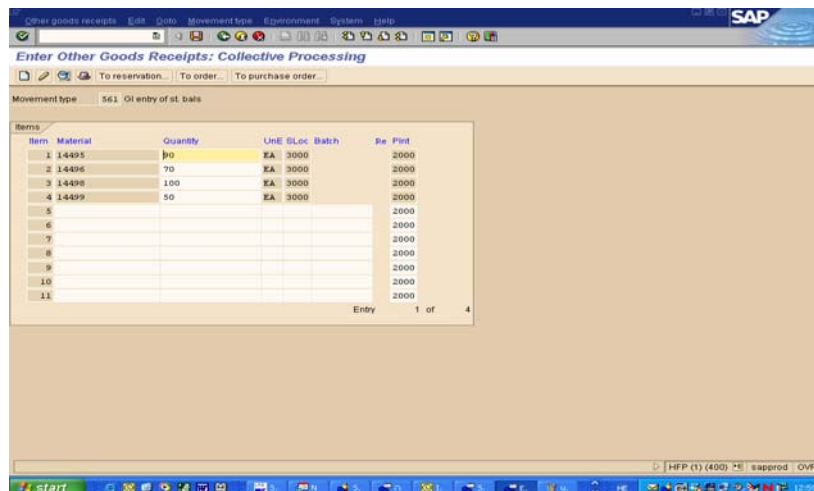


Display Material (Initial Screen)

Material	Material Description	MFG	Product Hierarchy	Base Price	POS
14495	MS PROJECT 2000 1CD	מכנס		50,00	
14496	MAPLEO - 1CD	מכנס		250,00	
14498	BABYLON 4.1 - 1 CD	מכנס		67,00	
14499	SFSR - 1 CD	מכנס		0,00	
14500	SFSR PLDG	מכנס		209,10	
14503	SAS 9.1 - 2 CD	מכנס		1.170,00	
14505	MATLAB 6.1 - 2 CD	מכנס		1.000,00	
14506	WINDOWS 98 - 1 CD	מכנס		0,01	
14507	WIN. XP ENGLISH INTERFACE - 1 CD	מכנס		0,01	
14508	WIN. XP HEBREW INTERFACE - 1 CD	מכנס		0,01	
14509	WIN. 2000 ENGLISH INTERFACE - 1 CD	מכנס		0,01	
14510	WIN. 2000 HEBREW INTERFACE - 1 CD	מכנס		0,01	
14511	OFFICE 2000 PROF. HEBREW - 1 CD	מכנס		0,01	
14512	OFFICE XP PROF. - 3 CD	מכנס		0,01	
14513	OFFICE XP PROF. LANG PACK - 1 CD	מכנס		0,01	
14514	PHOTO DRAM 2000 - 3 CD	מכנס		0,01	
14515	FRONT PAGE 2000 - 2 CD	מכנס		0,01	
14516	ROXTON ANTI-VIRUS SINGLE - 1 CD	מכנס		0,01	
14517	VISUAL STUDIO 6 - 7 CD	מכנס		0,01	
14518	VISUAL BASIC 6.0 - 1 CD	מכנס		0,01	
14519	VISUAL C++ 6.0 - 1 CD	מכנס		0,00	
14520	BLANK DISK FOR LICENSED SOFTWARE	מכנס		10,00	
14522	DYNAMIC SYSTEM CENTER - 1 CD	מכנס		0,01	
14523	PROFOUND LICENSED DISK - 1 CD	מכנס		0,00	
14524	ACROBAT LICENSED DISK - 1 CD	מכנס		0,00	
14525	WIN 2000 SERVER LICENSED DISK - 1 CD	מכנס		0,01	
14526	WIN 2000 ADV SERVER LICENSED DISK - 1 CD	מכנס		0,01	
14528	SQL SERVER - 1CD	מכנס		0,01	
14529	SQL ADVANCED SERVER - 1CD	מכנס		0,00	
14531	MS PROJECT 2002 - 1 CD	מכנס		50,00	
14532	VISUAL STUDIO - NET - 8 CD	מכנס		0,01	
14533	BLANK DISK INTERNAL USE	מכנס		0,02	

Software Mgt. – Imp. Process

'Receiving' goods to storage location, by material



Enter Other Goods Receipts: Collective Processing

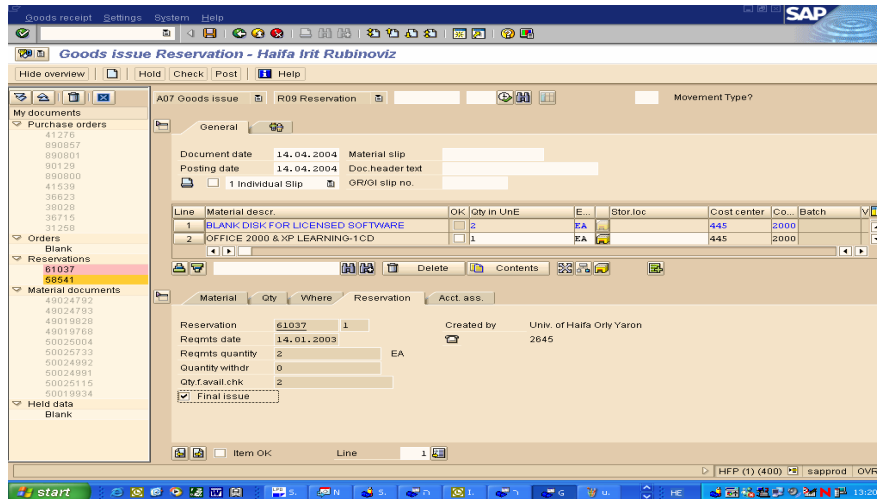
Movement type: 561 Ol entry of st. bal.

Item	Material	Quantity	UNE	Loc	Batch	Pa	Print
1	14495	50	EA	3000			2000
2	14496	70	EA	3000			2000
3	14498	100	EA	3000			2000
4	14499	50	EA	3000			2000
5							2000
6							2000
7							2000
8							2000
9							2000
10							2000
11							2000

Entry 1 of 4

Software mgt. processing

- Standard reservation and issue processes



Museum System

- Old system died
- No alternative system
- Loss of basic functionality:
 - Inventory control
 - Loans, maint. (status mgt.)
- Presenting collection on the web.

Museum System – Imp. Process

- Defining separate plant (security)
- Defining a storage location
 - A unique authorization access code
- Defining museum system ‘material’ (catalogue number)
- Defining characteristics and classifications

Museum System – Imp. Process

The screenshot shows the SAP 'Class' maintenance screen for the 'MUZEUM' class group. The 'Basic data' tab is active, displaying a table of class entries. The table has columns for 'Class', 'קוד' (Code), 'Language', and 'Class description'. The entries are as follows:

Class	קוד	Language	Class description
ARCHIOLOGY	001	HE	ארכיאולוגיה
ART	001	HE	אמנות
COIN	001	HE	טבעות
GENERAL	001	EN	GENERAL DATA - HECHT MUSEUM
GENERAL	001	HE	נתונים כלליים - מוזיאון היצחק רבין
חדשנות	001	EN	חדשנות
חדשנות	001	HE	חדשנות

The interface includes a menu bar (Class, Edit, Goto, Extras, Environment, System, Help), a toolbar, and a status bar at the bottom showing 'HFP (1) (400) | sappid OVR' and the system clock '15:52'.

Museum System – Imp. Process

The screenshot shows the SAP 'Change Class' dialog box for class 'ARCHEOLOGY'. The 'Basic data' tab is active, showing the following fields:

- Class: ARCHEOLOGY
- Class type: 001 Material class
- Change number: (empty)
- Valid from: 15.04.2004
- Validity: (empty)

Below the main fields are several sub-sections:

- Basic data:** Description: ARCHEOLOGY, Status: 1 Released, Class group: MUZEUM Hecht Museum, Organizational area: M, Valid from: 10.09.2002, Valid to: 31.12.9999.
- Same classification:** Radio buttons for 'Do not check', 'Warning message', and 'Check with error'.
- Administrative data:** Assignments checked, Created by: SEMULIK, Changed by: OBABANI, Created on: 10.09.2002, Changed on: 15.04.2004.
- Authorizations:** Class maintenance: C1M, Classification: C1M, Find object: SPM.

The taskbar at the bottom shows the user is logged in as 'sapprod' with role 'OVR'.

Museum System – Imp. Process

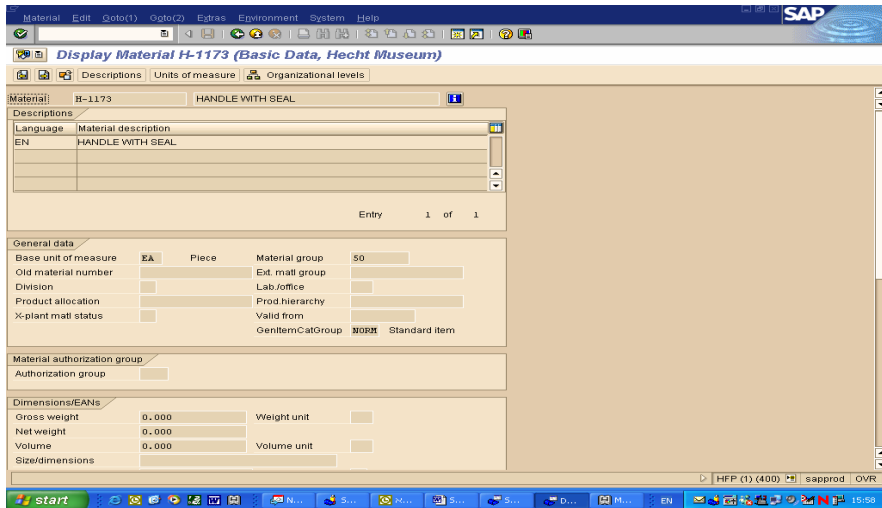
The screenshot shows the same SAP 'Change Class' dialog box for class 'ARCHEOLOGY', but with the 'Document' tab selected. It displays a list of characteristics with their descriptions, data types, and units.

Characteristic	Description	Data	N.	D.	Unit	R.	Org areas	DIN	O.	I.
SHOWCASE	Showcase	NUM	10	0						
NO_IN_SHOWCASE	no. in showcase	CHAR	10	0						
LOCATION	Location	CHAR	20	0						
CUPBOARD	CUPBOARD	NUM	2	0						
SHELF	SHELF	NUM	3	0						
SOURCE	Source	CHAR	6	0						
DATE_OF_RECEIPT	Date of receipt	DATE	10	0						
NEGATIVE_NO	Negative No.	CHAR	20	0						
VALUE	Value	CURR	10	2						
PERIOD_ARC	PERIOD	CHAR	30	0						
PROVENANCE_ARC	PROVENANCE	CHAR	30	0						
MATERIAL_ARC	MATERIAL	CHAR	30	0						
HEIGHT	HEIGHT	NUM	6	2	cm					
WIDTH	WIDTH	NUM	6	2	cm					
LENGTH	LENGTH	NUM	6	2	cm					

The taskbar at the bottom shows the user is logged in as 'sapprod' with role 'OVR'.

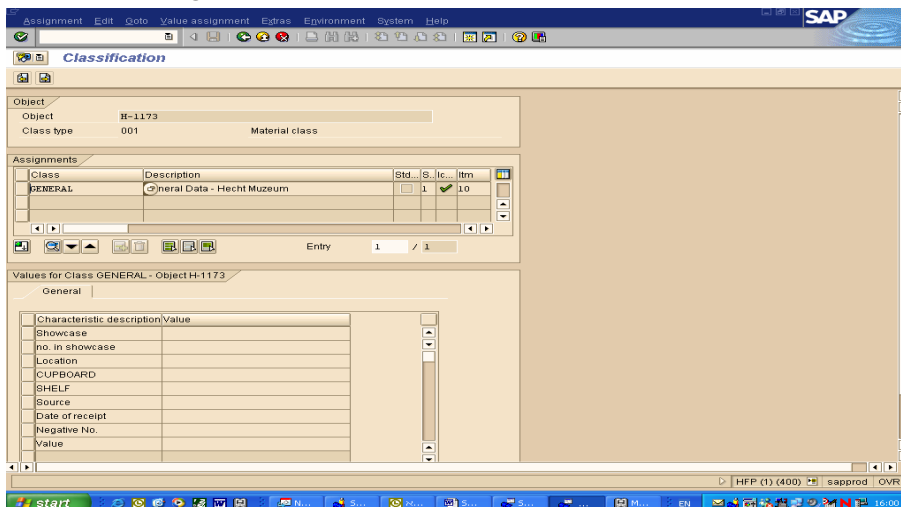
Museum System Processing

Each exhibit is defined as a material



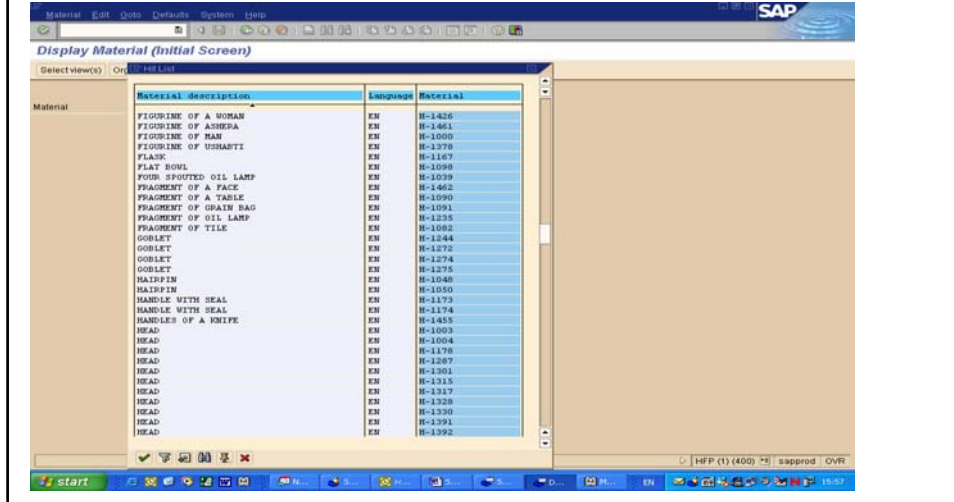
Museum System Processing

Relating the exhibit to a class



Museum System Processing

List of exhibits



Museum System Processing

And the final product

