

BULLETIN NUMBER GT560, 9 OCTOBER 1992

System Manager version 8.0 Available

TIS Software is pleased to announce the availability of Global System Manager version 8.0.

SOFTWARE AVAILABLE NOW

TRANCHE 1 – SYSTEM MANAGER VERSION 8.0 FOR BOS

This release involves the release of System Manager, System Manager PM and Configurator version 8.0. Furthermore the following version 7.0 configuration volumes have been updated to allow operation of both version 7.0 and version 8.0 System Managers:

5500	BOS on IBM AT
5505	BOS on Apricot 5¼"
5506	BOS on Foundation 286 & 386
5508	BOS on Apricot 3½"
5512	BOS on IBM PS/2
5513	BOS on PS/2
5515	BOS on Foundation 386HP
5517	BOS on Apricot 5¼"
5518	BOS on iSERVER
5519	BOS on IBM PC & XT
5600	MS-DOS and Windows 5¼" non-LAN
5601	MS-DOS and Windows 5¼" LAN
5602	MS-DOS and Windows 3½" non-LAN
5603	MS-DOS and Windows 3½" LAN

The following new documentation is available:

MSMMV8.0	System Manager manual
MSM2V8.0	Operating manual (BOS)
MSM3V8.0	Operating manual (MS-DOS and Windows)
MBSMV8.0	Utilities manual
MBSRV8.0	Release notice for SM, BE, BA & CF
MBAMV8.0	Presentation Manager manual
MCFMV8.0	Configurator manual
C5600	Configuration Notes for MS-DOS and Windows

The following existing documentation has been updated:

C5500	Configuration Notes for BOS on IBM AT
C5505	Configuration Notes for BOS on Apricot 5¼"
C5513	Configuration Notes for BOS on PS/2
C5515	Configuration Notes for BOS on Foundation 386HP
C5518	Configuration Notes for BOS on iSERVER

See Notes 1 and 2 below

TRANCHE 2 – VERSION 8.0 FILE CONVERTERS & D-ISAM CONFIGURATIONS

This release involves the release of File Converters version 8.0. Furthermore the following version 7.0 configuration volumes have been updated to allow operation of both version 7.0 and version 8.0 System Managers:

5520	Unix on MIPS
5525	Unix on Bull DPX/2
5529	Unix on Motorola Delta on tape
5534	Unix on Motorola Delta
5535	Unix on Motorola MPC-88
5536	Unix on Motorola MPC-88 on tape

The following new documentation is available:

MFCMV8.0	File Converters manual
MSM1V8.0	Operating manual (Unix)

The following existing documentation has been updated:

C5520	Configuration Notes for Unix on MIPS
C5525	Configuration Notes for Unix on Bull DPX/2
C5529	Configuration Notes for Unix on Motorola Delta on tape
C5534	Configuration Notes for Unix on Motorola Delta
C5535	Configuration Notes for Unix on Motorola MPC-88
C5536	Configuration Notes for Unix on Motorola MPC-88 on tape

See Note 1 below

TRANCHE 3 – SPEEDBASE DEVELOPMENT

This is the release of Speedbase Development version 8.0.

The following new documentation is available:

MSEMV8.0	Speedbase Development Manual
MSERV8.0	Speedbase Development Release Notice

See Note 3 below

YET TO BE AVAILABLE

TRANCHE 4 – 16th OCTOBER 1992 – C-ISAM CONFIGURATIONS

The following version 7.0 configuration volumes will be updated to allow operation of both version 7.0 and version 8.0 System Managers:

5521	Unix on iServer
5522	SCO 5¼"
5523	Unix on Sun SPARC
5527	SCO 3½"
5539	AIX on IBM RS/6000 (AIX version 3.2)
5540	HP/UX on HP 9000 (3½")
5541	HP/UX on HP 9000 on tape

The following new documentation will be available:

C5539	Configuration Notes for AIX on IBM RS/6000 (AIX 3.2)
C5540	Configuration Notes for HP/UX on HP 9000 (3½")
C5541	Configuration Notes for HP/UX on HP 9000 on tape

The following existing documentation will be updated:

C5521	Configuration Notes for Unix on iServer
C5522	Configuration Notes for SCO 5¼"
C5523	Configuration Notes for Unix on Sun SPARC
C5527	Configuration Notes for SCO 3½"

See Note 1 below

TRANCHE 5 – 4th QUARTER 1992 – COBOL TO OPERATE ON C-ISAM COMPUTERS

This release allows all version 7.0 or 8.0 Unix computers to run Global 2000 Cobol. It will involve changes to all Unix configuration volumes and/or BACNATs. There are no changes to any documentation.

TRANCHE 6 – 4th QUARTER OF 1992 – REPORTER TO OPERATE WITH C-ISAM

This is the release of Reporter version 1.0A. The following new documentation will be available:

MBRNV1.0A	Notes on Reporter V1.0A
MBRRV1.0	Release Notice for Reporter

See Note 4 below

TRANCHE 7 – 4th QUARTER OF 1992 – ASSEMBLER INTERFACE KIT

This is the release of version 8.0 of the Assembler Interface Kit. It has not yet been decided what documentation will be produced.

See Note 5 below

TRANCHE 8 – RELEASE NOT YET SCHEDULED – SYSTEM MANAGER VERSION 8.1

This is the release of version 8.1 of System Manager and System Manager PM. It is not yet decided what documentation will be produced.

See Note 2 below

TRANCHE 9 – RELEASE NOT YET SCHEDULED – DEVELOPMENT SYSTEM VERSION 8.1

This is the release of version 8.1 of Global 2000 Cobol and Global Development System. It is not yet decided what documentation will be produced.

See Note 3 below

NOTES ON THE ABOVE

NOTE 1. CONFIGURATIONS FOR INDIVIDUAL COMPUTERS FOR VERSION 8.0

You will notice that we are updating most of the existing configurations for version 7.0; that is configuration numbers in the range 5500 to 5999. This will not affect the operation of System Manager version 7.0.

The current V7.0 configurations for the RS/6000 (5524) and the HP-9000 (5530 & 5531) are not being upgraded. The reason is that the release of V8.0 gives us the opportunity to recompile the System Manager BACNAT components on these two important Unix platforms using the current versions of AIX and HP-UX. We will announce dates when configurations 5524, 5530 and 5531 will become obsolete.

For the RS/6000, the available V7.0 and V8.0 configurations will be as follows:

5524 V7.0 AIX 3.1.2 and 3.1.5 (no C-ISAM Support)
5539 V8.0 AIX 3.2 (C-ISAM support).

For the HP-9000, the available V7.0 and V8.0 configurations will be as follows:

5530 V7.0 (5¼" diskette) HP-UX V7.0 (no C-ISAM support)
5531 V7.0 (QIC-120 tape) HP-UX V7.0 (no C-ISAM support)
5540 V8.0 (3½" diskette) HP-UX V8.0 (C-ISAM support)
5541 V8.0 (QIC-120 tape) HP-UX V8.0 (C-ISAM support).

If you attempt to use a hybrid system consisting of version 8.0 Cobol components, but assembler or 'C' components from a configuration which has not been updated to contain version 8.0 components, you will get a stop code when you attempt to use the version 8.0 facilities.

All the configurations will be updated to allow general-purpose version 8.0 facilities to operate on that computer. However, the operation of C-ISAM format files on the various computers needs further explanation. The computers fall into 3 categories:-

BOS and MS-DOS Computers These obviously have no support for C-ISAM in version 8.0 or any other release. The configurations which fall into this category are:-

5500	IBM AT
5505	Apricot 5¼"
5506	Foundation 286 & 386
5508	Apricot 3½"
5512	IBM PS/2
5513	PS/2
5515	Foundation 386HP
5517	Apricot 5½"
5518	iSERVER
5519	IBM PC & XT
5600	MS-DOS and Windows 5¼" non-LAN
5601	MS-DOS and Windows 5¼" LAN
5602	MS-DOS and Windows 3½" non-LAN
5603	MS-DOS and Windows 3½" LAN

Mainstream Unix Computers These Unix computers will have full support for C-ISAM. Users of Speedbase version 8.0 can choose whether a database should be held as a Global 3000 Speedbase database or in a set of Unix C-ISAM files. Furthermore, File Converters version 8.0 can be used to transfer between C-ISAM format and traditional Global format files. We have stated that these will be released about 16th October; they will be released individually as and when they are required. The configurations which fall into this category are:

5521	iServer
5522	SCO 5¼"
5523	Sun SPARC
5527	SCO 3½"
5539	IBM RS/6000 (AIX 3.2)
5540	HP 9000 on 3½" (HP-UX V8)
5541	HP 9000 on tape (HP-UX V8)

Other Unix Computers For technical and/or commercial reasons, these Unix computers will not have full support for C-ISAM. All Global files are held in traditional Global format. However, by using D-ISAM (not C-ISAM), File Converters version 8.0 can be used to transfer between C-ISAM format and traditional Global format files. The configurations which fall into this category are:

5520	MIPS
5525	Bull DPX/2
5529	Motorola Delta on tape
5534	Motorola Delta
5535	Motorola MPC-88
5536	Motorola MPC-88 on tape

NOTE 2. SYSTEM MANAGER AND SYSTEM MANAGER PM

As for version 7.0 System Manager, version 8.0 is available in a variety of forms:

System Manager (without Speedbase Presentation Manager)

XS – Single User
XC – Concurrent
XM – Multi-user
XL – LAN

System Manager PM (with Speedbase Presentation Manager)

MC – Concurrent
MM – Multi-user
ML – LAN

What we used to call the Speedbase Presentation Manager has been bound more closely into System Manager PM for version 8.0; the only version of Presentation Manager which will operate with System Manager version 8.0 is the version distributed as part of version 8.0 System Manager PM. Unpredictable program checks and/or file corruption will occur if the wrong Presentation Manager is used with the wrong System Manager.

The release of version 8.0 will affect the obsolescent pre-V7.0 Speedbase modules thus:-

- Speedbase Presentation Manager as a separate product (product code BA) was not available for version 7.0 and will not be available for future versions.
- For version 7.0, we offered a module 'Presentation Manager Upgrade' which was available for existing System Manager users who wished to use Speedbase Presentation Manager for the first time; this will not be available in version 8.0.
- System Manager PMSA was an interim product for version 6.n of System Manager and is therefore not affected here.

Please note that we foresee a number of fixes to the Presentation Manager part of version 8.0 System Manager during the release of the 'Mainstream Unix' configurations listed in note 1 above. These fixes will be irrelevant to users of BOS and MS-DOS computers.

For version 6.2 and 7.0, we offered a module 'Menu Maintenance' which was available for users of System Manager version 6.0 and 6.1 who wished to use Menu Maintenance without upgrading to version 6.2 or 7.0 System Manager; this will not be available in version 8.0.

We envisage a further release of System Manager PM to be called version 8.1. This will have advanced features for users of C-ISAM such as:-

- New Database Status Facilities
- New roll-in/roll-out facility which allows the database to be input or output as a standard ASCII file. It will include an automatic upgrade facility (ie upgrade between different dictionary generations) without having to transfer data back into the traditional Global format.
- Full Informix support.
- Number of dictionaries per compilation extended to at least 8.
- Miscellaneous bug fixes

NOTE 3. DEVELOPMENT SOFTWARE

Users of either Global 2000 Cobol or Global 3000 Speedbase Development may already be aware that the structure of these software modules and their documentation is not ideal.

The current situation is that Global 2000 Cobol's documentation, distribution procedures and installation procedures are structured as 3 separate modules which reflected our commercial policy in the mid-1980s:-

- Cobol basics
- Cobol Advanced Programming Facilities
- Toolkit

Conversely Global 3000 Speedbase Development consists of the minimum facilities and documentation which one might need to develop Speedbase software. If any Global 3000 developer needs to go beyond the minimum provided (eg needs to call a date conversion subroutine), they would need to transfer the code and documentation from Global 2000 Cobol.

The ideal solution is to restructure Global 2000 Cobol and Global 3000 Speedbase Development (both the software and the documentation) into three parts:-

- i Subroutines, language constructs and utilities useful to both Global 2000 and Global 3000 developers
- ii Subroutines, language constructs and utilities useful only to Global 2000 developers
- iii Subroutines, language constructs and utilities useful only to Global 3000 developers

Someone ordering Global 2000 Cobol would get parts i and ii. Someone ordering Global 3000 Speedbase Development would get parts i and iii.

This ideal solution will be achieved in two phases:

Phase 1 Now Speedbase Development version 8.0 is released. In addition to the new facilities of this module we will add to the distribution diskettes various subroutine libraries from Global 2000 Cobol version 6.2. Furthermore we will distribute some extra documentation with future sales of Global 2000 Cobol after version 8.0. These are:

MMK3V8.0 – File Management manual
MMK5V8.0 – Language manual
MMK7V8.0 – System Subroutines manual

Phase 2 On a date to be announced version 8.1 of both Global 3000 Speedbase Development and Global 2000 Cobol will be produced. The arrangement and documentation of the software will be re-arranged to coincide with the ideal solution.

NOTE 4. REPORTER

Version 1.0A of Reporter will include facilities for reading C-ISAM files.

This new version of Reporter will be necessary to run Global 3000 Distribution Software under a C-ISAM-based version 8.0 System Manager. Therefore this release is one of the most time-critical releases described in this document.

NOTE 5. ASSEMBLER INTERFACE KIT

Version 8.0 of the Assembler Interface Kit will include support for Unix SPD (Serial Port Driver).

C-ISAM LICENCES

Users of D-ISAM need not pay a run-time licence.

Users of C-ISAM must pay a run-time licence to Informix Limited. This applies to resellers and users. We will notify Informix Ltd each time we generate a System Manager to a user or reseller and will pay the licence charge on behalf of the reseller. For the sake of simplicity, we intend to absorb this charge and not pass it on to the reseller. We do, however, ask that resellers take care not to order more 'copy-charge' System Managers for their own use or users' use than are strictly necessary; we have to pay Informix for every one and the current level of copy charge means that we cannot do this cost-effectively.