

# Impact of NOT upgrading to new SAG Product Suite

SESAAS Releases - Through July 31, 1998

- Source code that is compatible with Natural 2.2.6 and Natural 2.2.8
- Predict 3.2.3 and 3.4.1 - If file changes are necessary

# Impact of NOT upgrading to new SAG Product Suite

SESAAS Support - Through July 31, 1998

- Natural 2.2.6
- Predict 3.2.3
- Source code will be tested in both 2.2.6 and 2.2.8 environments

# Impact of NOT upgrading to new SAG Product Suite

SESAAS Support - After July 31, 1998

- Natural 2.2.8
- Predict 3.4.1
- Source code tested under Natural 2.2.8 only
- Possibility that SESAAS could use new 2.2.8 features that will not run in 2.2.6
- File changes will NOT be compatible with Predict 3.2.3

# Impact of NOT upgrading to new SAG Product Suite

Entire Network 5.3.1

- Can be made compatible with Network 5.5.1 by applying ZAPS WM53027 and WX5303

# NATURAL 2.2.8

## PROBLEM/RESOLUTION

- NAT001 - Missing/invalid syntax; undefined variable name/keyword
- Discussion - The “ANY DELIMITER” option of the SEPARATE command has been added to NAT 2.2.8. Must now specify “DELIMITER” when specifying a specific delimiter.

# NATURAL 2.2.8

## PROBLEM/RESOLUTION

- NAT0073 - Sort field error; field has not previously been defined
- Discussion - In NAT 2.2.6, the “KEYS” option included the sort key fields. In NAT 2.2.8, it should not be specified.

# NATURAL 2.2.8

## PROBLEM/RESOLUTION

- NAT0169 - Error in EM, HD, or PM definition in DEFINE DATA statement
- Discussion - An LDA in NPDMS had compound redefines of redefines.  
NATURAL INPLs NA22816 and NA22872 were applied to correct the problem.

# NATURAL 2.2.8

## PROBLEM/RESOLUTION

- NAT0197 - Format 'C' is not permitted in DISPLAY/WRITE/INPUT
- Discussion - Date values are being passed as parameters on STACK. NA28171 zap (sliding window) fixed this.

# NATURAL 2.2.8

## PROBLEM/RESOLUTION

- NAT0273 - Error :1: in line :2: of data area :3: processing :4:
- Discussion - The field (:4:) is defined in more than one external LDA. The field needs to be uniquely qualified. The line number reference (:2:) in the error points to where the DEFINE DATA statement starts.

# NATURAL 2.2.8

## PROBLEM/RESOLUTION

- NAT0281 - Index entry missing or invalid for an array
- Discussion - NSMS uses a superdescriptor built from a periodic group field.  
NATURAL zap NA28169 applied to make program compile correctly.

# NATURAL 2.2.8

## PROBLEM/RESOLUTION

- NAT0283 - Field or variable defined more than once
- Discussion - The field is defined in an external LDA and in the module. The field needs to be uniquely qualified.

# NATURAL 2.2.8

## PROBLEM/RESOLUTION

- NAT0304 - Invalid printer reference number
- Discussion - This problem was caused by a SKIP condition being the first statement that was executed on a logical page. NATURAL zap NA28195 applied to make program execute as in NAT 2.2.6.

# NATURAL 2.2.8

## PROBLEM/RESOLUTION

- NAT0434 - Qualification does not uniquely identify variable
- Discussion - Field in question was defined in multiple places (one was a redefinition). Needs qualification.

# OTHER PROBLEM/RESOLUTION

- NAT002 -No file is available with specified name or number
- Discussion - CATALOG requested for module that is dynamic (RUN only). This happens in NEMS.

# OTHER PROBLEM/RESOLUTION

- NAT0027 -Error in value specification
- Discussion - In NEMS, replace “??” with proper value.

# OTHER PROBLEM/RESOLUTION

- NAT0043 - Invalid password construction
- Discussion - In NEMS PCM there are programs that require the site to specify the password or the password line is commented out.

# OTHER PROBLEM/RESOLUTION

- NAT0111 - Function only available with :1:
- Discussion - AMS and NPDMS use the command processor. The object module for the command processor must be moved to the library.

# OTHER PROBLEM/RESOLUTION

- NAT0303 - Page overflow, too many vertical entries
- Discussion - In NEMS report programs which run in batch only need to be compiled with the batch PS value.

# OTHER PROBLEM/RESOLUTION

- NAT0364 -Inconsistency in multiple writing to the same workfile
- Discussion - In NEMS, this program is no longer used. It is being considered for deletion in a future release of NEMS.

# OTHER

## PROBLEM/RESOLUTION

- NAT1155 - Reporting mode not permitted
- Discussion - NPDMS has maps in report mode and the NPDMS library was in structured mode. The maps were reSTOWed under structured mode.

# OTHER PROBLEM/RESOLUTION

- SYSHELP routines in library SYSDICH
- Discussion - PREDICT 3.4.1 file format is different from PREDICT 3.2.3. View SYSDIC-DESC is not compatible between versions. SYSDICH has routines that can read the PREDICT file. A program can be created that uses SYSHELP that gives similar results.

# OTHER PROBLEM/RESOLUTION

- DBA/AWG Working Group has been provided with a ZAP/INPL list of changes identified during the testing and implementation of the new SAG product suite