# *VisualAge Pacbase and Year 2000*
# *Checklist of your versions*
# **Bull GCOS8, TP8/DMIV-TP Platform**

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# INTRODUCTION

The purpose of this document is to make a checklist of all **VisualAge Pacbase, DSMS, Pactables** and **WorkStation** Releases running on our customers' sites and determine for each of these releases :

- Year 2000 readiness

- Year 2000-related problems,

- Year 2000-related fixes.

Releases 2.0 and 2.5 are taken into consideration in this document.

Reminder : **all the VisualAge Pacbase, DSMS, Pactables and WorkStation releases earlier than 2.0 are not Year 2000 ready.**

This document is also available on the Technical Support Internet Web site, http://www.ibm.com/software/ad/vapacbase/support.htm.

It will be regularly updated until the end of the year to inform you about any new refresh, problem or further enhancement related to Year 2000 rollover.

# VisualAge Pacbase 2.5

| Refresh | Year 2000 Compatibility | Correction of non blocking problems relating to Year 2000 | New functionalities relating to Year 2000 |
|---|---|---|---|
| V06 | **NO** | | |
| V08 | Yes | Msp AADC10 and AADC30 (dating): 1900 was identified as a leap year (17765)<br>Taking into account of time (TIF and TIM) and date processing operators in all entities of Monitor type (17498)<br>Windowing for century processing : value set to blank (18240) | Processing of the Century in the current date and modification of the windowing at the Library level (17654).<br>Machine date with century: use of CURRENT-DATE function in all systems (18036) |
| V10 | Yes | Erroneous display of dates on some Pacbase reports (*)<br>Retrieval of the current date with century (18720)<br>INPE, GRPE : incorrect management of frozen sessions date retrieval (18793) | New date conversion operators in Reports (18635). |

(*)  PACABE : Error report (provoked abend)
PACK90 : Error messages generation OLCS (GPRT)
PACL80 : Error messages generation OLSD (GPRT)
PACT40, PACT51 : Pactables Interface (GETD)
PACT41 : Pactables Interface (GET1, GET2)
PACT50 : Pactables Interface (GETD)
PACT51 : Pactables Interface (GET2)
PTED60 : Master path report (XPDM)
PTEP90 : Master path report (PRGS)
PTEXD0 : Extraction Master path (XPAF)
PTU200, PTU220, PTU240 : Reorganization (REOR)
PTUESS : Session compression (ESES)
PTUN40 : Quick reorganization (QREO)

# NEW FUNCTIONALITIES 2.5

**18036 : Machine date with century: use of CURRENT-DATE function in all systems.**
Machine date with century: use of CURRENT-DATE function in all systems when the value entered in the 'CENTURY SYSTEM DATE' field is 'C'.

**18635 : New date conversion operators in Reports.**
Three new operations '0', '1', and '2' are now available. They perform a date conversion using the F9520 sub-function, identical to that used by operators AD0, AD1, and AD2, respectively.
Date formats must be entered on a continuation line with a 'U' operation type and both formats are left-justified in the SOURCE field, using two characters..

**17654 : Processing of the Century in the current date and modification of the windowing at the Library level.**
Process. of the Cent. in the current date and windowing. Addition of two fields in the Library Definition screen.
Reference year for the calculation of the century (default value = '61'), value taken for the initialization of the working areas used in the various generators to adapt the century when modifying a 6-character date.

Retrieval of the System Date :
    = 'N' default value (no modification)
    = 'C' the Cobol generated from ADT and ADC operators will be adapted to retrieve the System Date with Century. Use of new cobol functions or calculation of the Century depending on the reference year (all cobols concerned).
    = 'W' for the cobol 74 variants, the CENTUR field will be fed from a table described in Working (this table contains 20s and 19s depending on the WINDOWING YEAR VALUE)..

# CORRECTED BUGS 2.5

**17498 : Taking into account of time (TIF and TIM) and date processing operators in all entities of Monitor type.**
Taking into account of operators for time (TIM and TIF) and date processing operators (ADT - ADC - ADx) in entities of Monitor type : generation of working areas for these operators.
Compatibility with the existing : If the user uses these operators and declares the required working areas which are now generated automatically, declarations can be double.

**17765 : Msp AADC10 and AADC30 (dating): 1900 was identified as a leap year**
Msp AADC10 and AADC30 (dating): 1900 was identified as a leap year, which brought about dating errors.
The error has been corrected.

**18240 : Windowing for century processing : value set to blank.**
Windowing for Century processing : the value of the windowing is set to blank instead of 61 by default. Corrected.

**18720 : Retrieval of the current date with century**
Retrieval of the current date with century : the windowing for the calculation of the century is wrongly used. The system date retrieved already contains the century value (value 'C' at the Library level allowing the use of the CURRENT-DATE function). This is now corrected.

**18793 : INPE, GRPE : incorrect management of frozen sessions date retrieval.**
INPE, GRPE : The century date of frozen sessions was incorrectly managed. This is now corrected.

# DSMS 2.5

| Refresh | Year 2000 Compatibility | Correction of non blocking problems relating to Year 2000 | New functionalities relating to Year 2000 |
|---------|------------------------|-----------------------------------------------------------|-------------------------------------------|
| V02 | Yes | | |
| V03 | Yes | Erroneous display of dates in some DSMS reports | |

# Pactables 2.5

| Refresh | Year 2000 Compatibility | Correction of non blocking problems relating to Year 2000 | New functionalities relating to Year 2000 |
|---------|------------------------|-----------------------------------------------------------|-------------------------------------------|
| V03 | Yes | | |

# WORKSTATION 2.5

| Refresh | Year 2000 Compatibility | Correction of non blocking problems relating to Year 2000 | New Functionalities relating to Year 2000 |
|---|---|---|---|
| V01+ fix SP250***V0Z | Yes | | |
| V03+ fix SP250***V0Z | Yes | | |
| V04+ fix SP250***V0Z | Yes | | |
| V05 | Yes | | |
| V06 | Yes | Printing of dates in the WorkStation outputs (18938)<br>Date edition in the GSCOM trace (18942)<br>Upload of occurrences modified in 2000  (18959) | |
| V07 | Yes | | |

Fix SP 250 *** V0Z corrects bug 15244, blocking bug after 1/1/2000.

## CORRECTED BUGS

**15244 : Local lists: Year 2000 readiness**

Date data saved in the local lists during downloading and uploading of occurrences is now Year 2000 ready.
Note: the century is not displayed in the "Information"  box.

**18938 : Year 2000 : Printing of dates in the WorkStation outputs**

Printing out dates of January 1st, 2000 and later will be correct in any WorkStation output.

**18942 : Date edition in the GSCOM trace**

In the GSCOM trace, the date is now edited in the dd/mm/ccyy format.

**18959 : Upload of occurrences modified in 2000 (Windows 95 environment)**

When the user wanted to upload a description downloaded in 1999 and modified in 2000, the WorStation might, in some cases, refuse the upload.
The identified cases have been corrected.

# VisualAge Pacbase 2.0

| Refresh | Year 2000 Compatibility | Correction of non blocking problems relating to Year 2000 | New functionalities relating to Year 2000 |
|---------|-------------------------|-----------------------------------------------------------|-------------------------------------------|
| V07 | **NO** | | |
| V11 | **NO** | | |
| V14 | **NO** | | |
| V17 | **NO** | | |
| V19 | Yes | | |
| V20 | Yes | Erroneous display of dates in some Pacbase reports (18879) | |

# CORRECTED BUGS 2.0

**16140 : DCOB procédure: date of reports printed with century**


**16513 : G-... fields mistakenly generated for Table 2000**
G-... fields have been mistakenly genetared for Table 2000.
For a "p" generation type of segment in a -CS screen, G-xxxx-xxxxxx fields are mistakenly generated for Table 2000, that is to say data structures of "M" or "N" type.


**16605 : Pactable access to YEAR 2000 tables; erroneous length of the communication area**
Pactable access to YEAR 2000 tables; the length of the communication area is 73 and no longer 60. Corrected.
This modification needs to use PB200***V12 and PT200***V05 versions or later.


**16766 : IMS Monitor: no declaration of DAT-CTYD field**
IMS Monitor: the DAT-CTYD field is not declared in the Working Section, whereas it is used by the orders generated by the ADT operator. Corrected.


**18879 : Erroneous display of dates in some DSMS reports**
Date of day was not correctly printed on some Pacbase reports. Corrected.

# Pactables 2.0

| Refresh | Year 2000 Compatibility | Correction of non blocking problems relating to Year 2000 | New functionalities relating to Year 2000 |
|---------|-------------------------|-----------------------------------------------------------|-------------------------------------------|
| V00 | Yes | | |
| V05 | Yes | | |
| V07 | Yes | | |
| V09 | Yes | | |
| V11 | Yes | The leap year 2000 now taken into account (17621)<br>PRTA,TUTA,UPTA : 02/29/2000, invalid date in print request. Corrected (18134)<br>PRTA : correction of the printed date for Year 2000 (instead of 20** ) (18466) | |
| V12 | Yes | Erroneous display of dates in some Pactables reports (18841) | |

# CORRECTED BUGS 2.0

**17621 : The leap year 2000 now taken into account**

**18134 : PRTA,TUTA,UPTA : 02/29/2000, invalid date in print request. Corrected.**

**18466 : PRTA : correction of the printed date for Year 2000 (instead of 20** )**

**18841 : Erroneous display of dates in some Pactables reports**
Date of day was not correctly printed on some Pactables reports. This has been corrected.

# WORKSTATION 2.0

| Refresh | Year 2000 Compatibility | Correction of non blocking problems relating to Year 2000 | New functionalities relating to Year 2000 |
|---|---|---|---|
| V01+ fix SP250***V0Z | Yes | | |
| V02+ fix SP250***V0Z | Yes | | |
| V03+ fix SP250***V0Z | Yes | | |
| V04+ fix SP250***V0Z | Yes | | |
| V05+ fix SP250***V0Z | Yes | | |
| V06+ fix SP250***V0Z | Yes | | |
| V07 | Yes | Printing of dates in the WorkStation outputs (18938)<br>Date edition in the GSCOM trace (18942)<br>Upload of occurrences modified in 2000  (18959) | |

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