VisualAge Pacbase Monthly Letter

August 2002

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New Availabilities

Softwares

REFERENCE	LABEL
VP 250 ALL V13 E	C/S FACILITY 2.5 V13
PB 250 IMS V17 E	VISUALAGE PACBASE IBM MVS, IMS 2.5 V17
PB 250 AIX V17 E	VISUALAGE PACBASE AIX 2.5 V17
PC 300 WNT V06 E	PACBASE WEB CONNECTION WINDOWS/NT 3.0 V06
VP 300 ALL V07 E	EBUSINESS TOOLS 3.0 V07

Documentation

REFERENCE	LABEL
DELIX001301A	Installation Guide UNIX Server & Client Components
DDEXT000301A	Dictionary Extensibility

C/S FACILITY 2.5 V13

CORRECTED BUGS

Communications

Reinitialization of error manager for COM proxies *(C:021209)*

```
The error manager for COM proxies was not correctly
reinitialized between 2 server exchange.
```

COM Proxies runtime adaptation to SZ300V06_1middleware (fix for VM300V06) *(C:023620)*

```
COM Proxies runtime adaptation to SZ300V06_1middleware

This adaptation causes already compiled COM Proxies to be
no longer compatible with the runtime.
To ensure their compatibility, recompile these Proxies.
```

Compilation error for 1.6 Com proxies *(C:023848)*

```
The compilation, in generation tool of 1.6 com proxies
(Olegen10.exe), aborted at start if the specified output
path contained directories names with blanks
(Example c:\Program Files\gen).
Corrected.
```

OCX Client

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Problem fixed on OCX 1.6 Proxies numeric decimal fields *(C:023753)*

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OCX 1.6 Proxies numeric decimal fields were not correctly
uploaded. This would only happen for values lesser than 1.
Zeroes directly after the decimal period were deleted.

Example : 0.00647 -> 0.647   (ko)
          1.00647 -> 1.00647 (ok)
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Proxy functionalities

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Definition of Vap COM proxies compilation environment*(C:024020)*

```
An ActiveXEnv_sample.txt file containing a mask of the
necessary content for the compilation start in expert mode,
is now delivered. To activate the file, it must be renamed
as ActiveXEnv.txt and the PATH, LIB and INCLUDE components
must be filled in.
If this file is activated, the machine environment variables
are not taken into account during the compilation process.
For more information on the ActiveXEnv.txt file content,
report to the file delivered as example.
For VP250 package, ActivexEnv.txt was automatically built
during the installation. Now, it is still built, but the
user must validate its content before all using.
```

VISUALAGE PACBASE IBM MVS, IMS 2.5 V17

NEW FUNCTIONALITIES

Batch System Development

BINARY usage for MVS OS/390: harmonize generators*(C:022893)*

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BINARY usage for MVS OS/390: it was necessary to harmonize
generators
Now the 'C' usage produces the BINARY clause generation
as soon as the program or screen variant is
Cobol II ('X' variant).
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Client/Server system develop.

TDS/GCOS7: TCP/IP Access TDS/GCOS7 architecture taken into account*(C:022483)*

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TDS/GCOS7: the TCP/IP Access architecture is taken
into account for the Client/Server communication monitor.
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IMS V6 generation: the size of IO-PCB size is increased.*(C:022826)*

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IMS V6 generation: the size of the IO-PCB increases
from 52 to 100.
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On-Line System Development

WEB GCOS7 : TDS TCP/IP ACCESS TDS Communications Monitor*(C:022502)*

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PARAMETERS SPECIFIC TO WEB GCOS7 TCPTDS:
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The parameter 36 (type of communication) must be = TCPTDS
(Default : XCP2)
The following parameters can be specified in the -G screen
of the dialog:
- Parameter 37: size of the communication buffer
  Default : 14200
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2.5 utility to prepare for the 3.0 version.*(C:021878)*

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- Generation-print command file:
  The list of input to the REAG procedure is proposed.
  The users who do not exist in the AE file are searched
  for.
  The sessions and libraries which do not exist in the
  database are searched for.
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2.5 utility - DS type*(C:022522)*

```
This program reads Data Structures and
enters a keyword on the Definition screen.
Procedure input:
Types file:
    DS type - Keyword
Identification line indicating the implementation context
(several lines are possible).
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CORRECTED BUGS

Client/Server system develop.

Server Component: customized accesses for NON STOP SQL: the SQLCODE is not tested, as it should be.*(C:021818)*

```
Server Component and on-line screens: customized accesses
for NON STOP SQL: the SQLCODE is not tested, as it should
be.
This is now corrected.
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Folder: in a multi-proxies request, the user buffer is not correctly retrieved.*(C:021896)*

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Folder: in a multi-proxies request, the user buffer is
not correctly retrieved.
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Elementary Component: server call and number of errors equal to 1. K50L is not incremented.*(C:022111)*

```
Elementary Component: call to a secondary-level server and
ACCESERR option set to 1.
The error loading index, K50L, is not incremented as it
should be.
This has been corrected.
```

Communications Monitor : timestamp assignment in DB2 work file in CICS environment.*(C:022169)*

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Communications Monitor : timestamp assignment
in DB2 work file in CICS environment.
Generation of a -803 sql error.
This is now corrected.
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Server Component: insertion of User function in checks and comments insertions.*(C:022209)*

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 First sub-function per Data Element.
 Corrected.
Data Elements of the Logical View: if the 'Insertion of
comments' option is taken, end-of-function tags are
generated while they should not.
Titles of sub-functions will be sent only for
the first sub-function per Data Element.
This is now corrected.
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Communications Monitor: erroneous calculation of the execution time.*(C:022240)*

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Communications Monitor: The erroneous calculation of the
execution time triggers an error (labelled "Arithmetic
fault") at execution.
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SQL Segment with continuation lines in -CE: erroneous punctuation after selecting a sub-schema*(C:022564)*

```
SQL Segment with continuation lines:
for a Segment called via a sub-schema selection,
the punctuation in access functions (F80) can be erroneous
if there is no Data Element after the blank line.
This has been corrected.
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POINTER Usage for Microfocus: for 'Y' usage defined in a Data Element (C1531)*(C:022769)*

```
POINTER Usage for Cobol II and Microfocus:
when the 'Y' usage was defined in a Data Element,
the POINTER usage was taken into account
only in the Batch generator.
Now POINTER Usage for Cobol II and Microfocus is taken into
account in all generators.
```

**Client Comp: fields containing the length of used Logical Views display erroneous
values.***(C:023366)*

```
Client Component : declaration in working of the fields
containing the information on the called Logical Views
(length, ...), the field which contain the length of the
View header part is erroneous for the second Logical
View called if this latter is shorter than the first one.
This is now corrected.
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On-Line System Development

**Server Component: customized accesses for NON STOP SQL: the SQLCODE is not tested, as
it should be.***(C:021818)*

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Server Component and on-line screens: customized accesses
for NON STOP SQL: the SQLCODE is not tested, as it should
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Tandem : problem on error processing in F81ER*(C:021984)*

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A "go to F2930-o" was missing before the F81ER-FN tag.
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**'Operation code' data element whose -D contains a numeric format check (*9): duplicate lines
gener.***(C:022210)*

```
On a screen, if the Data Element declared as 'Operation
code' contains, on its first Description line, a numeric
format check (*9), the generated F0520 Function contains
duplicate lines.
This is now corrected.
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**The FILE STATUS field is truncated at the pathsend return in the Pacweb Tandem
Communications Monitor***(C:022283)*

```
The FILE STATUS field is truncated at the pathsend
return in the Pacweb Tandem Communications Monitor.
To correctly process the errors specific to the hardware,
a 'V-INFO' working area and the F81ET function are added
to the PacWeb Tandem Communications Monitor.
In case of error at the pathsend return, the 'V-INFO'
area is positioned as follows:
. V-INFO-PROGE = name of the program being executed
. V-INFO-CODE  = SERVERCLASS_SEND. V-INFO-XFUNCT= SEND
. V-INFO-STATUS= error code
Note:
The STATUS field  has a 9(9) format as in C/S Dialog.
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Microfocus Dialog screen: with the LOGMES option, F-type Data Elements are lost.*(C:022798)*

```
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F-type Data Elements (displayed, protected and received by
the program) are lost after the display of an error map.
The solution consists in transferring these fields to output
fields in F8155 as for variable fields.
This is now corrected.
```

REWRITE function generated without 'With Unlock' clause in PWC communication monitor.*(C:022900)*

```
The COBOL 'Rewrite' function in Pacbase Web Connection
communication monitor was not generated with
'with unlock' clause for Tandem.
In PWC communication monitor, TANDEM variant,
the REWRITE clause has been completed in the working file
with 'WITH UNLOCK'.
```

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```

Pacbase Access Facility

PAF: it was impossible to extract the -DR of DBD when selecting a table code + 'I'-type line.*(C:021919)*

```
PAF: it was impossible to extract the -DR of DBD when
selecting a table code + 'I'-type line.
This is now corrected.
```

PAF 2.5 v13-> v15 : -G lines of a UEO with calls of PIAs are not extracted (loop).*(C:023195)*

```
PAF 2.5 v13-> v15 : -G lines of a UEO with calls of
Parameterized Input Aids  are not extracted (loop).
```

Batch Procedures

Input Aid: a utility assigns the Input Aid's type, according to the 3.0 version.*(C:021839)*

```
This utility extracts all the Input Aids' Definitions in
the sessions specified as input.
Each Input Aid is typed with the value found in the
Description.
This value is: G (generation elements), O (generation
option) or C (comment). The C type is assigned for any
value different from O and G.
If, in the same Description, different types have been
specified, a message informs the user that a manual
intervention is required.
A transaction file is created and will be updated via UPDT.
```

UPDT : mistaken creation of cross-references on a a transaction which comes after an erroneous one.*(C:022138)*

```
UPDT : mistaken creation of cross-references on a
a transaction which comes after an erroneous one.
This is now corrected.
```

EXTR: errors on the EXPT/ONLY options with STR, SEG, DLG and SCR*(C:022291)*

```
EXTR - the following errors have been corrected:
  - EXPTDST    : did not extract the SEG entity type
  - EXPTSEG    : did not extract the DST entity type
  - EXPTDLG    : did not extract the SCR  entity type
  - EXPTSCR    : did not extract the DLG entity type
  - ONLYDST    : extracted the SEG only  entity type
  - ONLYSEG    : extracted the DST entity type too
  - ONLYDLG    : extracted the SCR entity type too
  - ONLYSCR    : extracted the DLG entity type too
```

SAVE: the statistical report incorrect if the first index was not a library*(C:022695)*

```
SAVE: the statistical report was not always
correct (number of libraries: zero).
This has been corrected.
```

RMEN(MV/MR) of a Data Element used in a DBB: creates only the first 8 Data Elements of the key.*(C:022908)*

```
RMEN(MV/MR) of a Data Element used in the key of a Database
Block: only the first 8 Data Elements of the key were
created.
This is now corrected.
```

UPDT: error 5806 for -DR in database blocks becomes a warning message*(C:022938)*

```
UPDT: the 5806 dedicated to the -DR in database blocks
(MODIFICATION OF SEGMENT FORBIDDEN)
becomes a warning message for extractors updates.
```

CPSN and modification of line type in Segment Description: 6316 error*(C:023089)*

```
CPSN and modification of line type in Segment Description
```

```
(eg -CE line changed into -SE line caused a 6316 error:
CONSULTED LINE UPDATE NOT ALLOWED)
This is now corrected.
```

PACX for UPDP and SEG description: the notion of SQL view (-DBE) or Socrate desc. (-SE) is lost*(C:023090)*

```
PACX for UPDP and segment description: the notion of SQL
view (-DBE) or Socrate description (-SE) was lost.
Corrected.
```

CSES: abend during REST procedure because of entity codes "999999" in the database*(C:023098)*

```
CSES: an abend occurred during the execution of the REST
procedure
when entities with "999999" codes were detected in the
database. The error has been corrected.
```

CSES on a DSMS file: retrieval of -M info did not function properly.*(C:023224)*

```
CSES on a DSMS file: retrieval of -M info did not function
properly.
  - loss of information in -M for frozen sessions.
  - retrieval of current session not performed in -M
    for current sessions.
This is now corrected.
```

Same as c23224 but for 2.5 – CSES on a DSMS file: the retrieval of -M lines didn't function properly*(C:023225)*

```
CSES on DSMS file : the retrieval of -M lines did not
function properly.
  - loss of information in -M for frozen sessions.
  - retrieval of current session not performed in -M
    for current sessions.
This is now corrected.
```

Pacbase Update Facility

PUF-TP: connect to a Database under DSMS control sends back the message 'Change number required ..'*(C:023220)*

```
PUF-TP : the connection to a Database under DSMS control
sends back the error '7326' in PUF000 :
'change number required for this environment'.
```

Miscellaneous : Online

GP: modify a continuation line in C2 and you are stuck on the screen with 'update not permitted'*(C:021943)*

```
GP: if you try to modify a continuation line in C2,
you are stuck on the screen with the message 'update not
permitted'.
With the C2 option, the warning 'Update inhibited with
this display type'.
If however you tried to modify a continuation line, you
obtained, after validation, an 'E' error:
'update not permitted' and the screen was blocked.
This has been corrected.
```

SEG and SCR ent. and protection of extracted ent.: SEG and SCR are no longer dependent of DST and DLG*(C:021947)*

```
Segment and Screen entities and protection of extracted
entities:
Creating a Segment was impossible if the Data Structure
existed in a higher-level library. And creating a Screen
was impossible if the Dialogue existed in a higher-level
library.
Now this dependence no longer exists: a Segment can be
created if the Data Structure exists in a higher-level
library and a Screen can be created if the Dialogue exists
in a higher-level library.
```

'.S' choice: erroneous display if the character string to search is in -B lines.*(C:022120)*

```
'.S' choice on a Screen entity: if the character string to
search was in -B lines, the display was erroneous.

This is now corrected.
```

'CH: O-sim' scr. is erroneous if label line starts in col1 and the line which precedes ends in col80.*(C:022130)*

```
'CH: O-sim' screen is erroneous if label line starts
in column 1 and the line which precedes ends in column 80.
This is now corrected.
```

PAC table description: if a sub-program is called, the UPD/TRGET field should not be compulsory*(C:022290)*

```
PAC table description: if a sub-program is called,
the UPD/TRGET field is no longer compulsory.
```

Technical lock transfer on programs and screens description were not operational*(C:022351)*

```
Technical lock transfers on programs and
screens description did not work.
They are operational now.
```

Upload / Download

Screen download and DSMS control: 'update of the entity not authorized by DSMS' error.*(C:022935)*

```
Screen download and DSMS control: the downloading operation
was impossible, a message indicating that the update of the
entity was not authorized by DSMS was displayed.
The error has been corrected.
```

VISUALAGE PACBASE AIX 2.5 V17

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area is positioned as follows:
. V-INFO-PROGE = name of the program being executed
. V-INFO-CODE  = SERVERCLASS_SEND. V-INFO-XFUNCT= SEND
. V-INFO-STATUS= error code
Note:
The STATUS field  has a 9(9) format as in C/S Dialog.
```

Pacbase Access Facility

PAF: it was impossible to extract the -DR of DBD when selecting a table code + 'I'-type line.*(C:021919)*

```
PAF: it was impossible to extract the -DR of DBD when
selecting a table code + 'I'-type line.
This is now corrected.
```

PAF 2.5 v13-> v15 : -G lines of a UEO with calls of PIAs are not extracted (loop).*(C:023195)*

```
PAF 2.5 v13-> v15 : -G lines of a UEO with calls of
Parameterized Input Aids  are not extracted (loop).
```

Batch Procedures

Input Aid: a utility assigns the Input Aid's type, according to the 3.0 version.*(C:021839)*

```
This utility extracts all the Input Aids' Definitions in
the sessions specified as input.
Each Input Aid is typed with the value found in the
Description.
This value is: G (generation elements), O (generation
option) or C (comment). The C type is assigned for any
value different from O and G.
If, in the same Description, different types have been
specified, a message informs the user that a manual
intervention is required.
A transaction file is created and will be updated via UPDT.
```

UPDT : mistaken creation of cross-references on a a transaction which comes after an erroneous one.*(C:022138)*

```
UPDT : mistaken creation of cross-references on a
a transaction which comes after an erroneous one.
```

This is now corrected.

EXTR: errors on the EXPT/ONLY options with STR, SEG, DLG and SCR*(C:022291)*

```
EXTR - the following errors have been corrected:
  - EXPTDST    : did not extract the SEG entity type
  - EXPTSEG    : did not extract the DST entity type
  - EXPTDLG    : did not extract the SCR  entity type
  - EXPTSCR    : did not extract the DLG entity type
  - ONLYDST    : extracted the SEG only  entity type
  - ONLYSEG    : extracted the DST entity type too
  - ONLYDLG    : extracted the SCR entity type too
  - ONLYSCR    : extracted the DLG entity type too
```

SAVE: the statistical report incorrect if the first index was not a library*(C:022695)*

```
SAVE: the statistical report was not always
correct (number of libraries: zero).
This has been corrected.
```

RMEN(MV/MR) of a Data Element used in a DBB: creates only the first 8 Data Elements of the key.*(C:022908)*

```
RMEN(MV/MR) of a Data Element used in the key of a Database
Block: only the first 8 Data Elements of the key were
created.
This is now corrected.
```

UPDT: error 5806 for -DR in database blocks becomes a warning message*(C:022938)*

```
UPDT: the 5806 dedicated to the -DR in database blocks
(MODIFICATION OF SEGMENT FORBIDDEN)
becomes a warning message for extractors updates.
```

CPSN and modification of line type in Segment Description: 6316 error*(C:023089)*

```
CPSN and modification of line type in Segment Description
(eg -CE line changed into -SE line caused a 6316 error:
CONSULTED LINE UPDATE NOT ALLOWED)
This is now corrected.
```

PACX for UPDP and SEG description: the notion of SQL view (-DBE) or Socrate desc. (-SE) is lost*(C:023090)*

```
PACX for UPDP and segment description: the notion of SQL
view (-DBE) or Socrate description (-SE) was lost.
Corrected.
```

CSES: abend during REST procedure because of entity codes "999999" in the database*(C:023098)*

```
CSES: an abend occurred during the execution of the REST
procedure
when entities with "999999" codes were detected in the
database. The error has been corrected.
```

CSES on a DSMS file: retrieval of -M info did not function properly.*(C:023224)*

```
CSES on a DSMS file: retrieval of -M info did not function
properly.
  - loss of information in -M for frozen sessions.
  - retrieval of current session not performed in -M
    for current sessions.
This is now corrected.
```

Same as c23224 but for 2.5 – CSES on a DSMS file: the retrieval of -M lines didn't function properly*(C:023225)*

```
CSES on DSMS file : the retrieval of -M lines did not
function properly.
 - loss of information in -M for frozen sessions.
 - retrieval of current session not performed in -M
   for current sessions.
This is now corrected.
```

Creation of UEO with keyword: the result of EXPJ followed by UPDT is erroneous*(C:023636)*

```
Creation of user entity occurrence with keyword: the result
of the EXPJ procedure followed by an UPDT was erroneous.
Corrected.
```

Pacbase Update Facility

PUF-TP: connect to a Database under DSMS control sends back the message 'Change number required ..'*(C:023220)*

```
PUF-TP : the connection to a Database under DSMS control
sends back the error '7326' in PUF000 :
'change number required for this environment'.
```

Miscellaneous : Online

GP: modify a continuation line in C2 and you are stuck on the screen with 'update not permitted'*(C:021943)*

```
GP: if you try to modify a continuation line in C2,
you are stuck on the screen with the message 'update not
permitted'.
With the C2 option, the warning 'Update inhibited with
this display type'.
If however you tried to modify a continuation line, you
obtained, after validation, an 'E' error:
'update not permitted' and the screen was blocked.
This has been corrected.
```

SEG and SCR ent. and protection of extracted ent.: SEG and SCR are no longer dependent of DST and DLG*(C:021947)*

```
Segment and Screen entities and protection of extracted
entities:
Creating a Segment was impossible if the Data Structure
existed in a higher-level library. And creating a Screen
was impossible if the Dialogue existed in a higher-level
library.
Now this dependence no longer exists: a Segment can be
created if the Data Structure exists in a higher-level
library and a Screen can be created if the Dialogue exists
in a higher-level library.
```

'.S' choice: erroneous display if the character string to search is in -B lines.*(C:022120)*

```
'.S' choice on a Screen entity: if the character string to
search was in -B lines, the display was erroneous.

This is now corrected.
```

'CH: O-sim' scr. is erroneous if label line starts in col1 and the line which precedes ends in col80.*(C:022130)*

```
'CH: O-sim' screen is erroneous if label line starts
in column 1 and the line which precedes ends in column 80.
This is now corrected.
```

PAC table description: if a sub-program is called, the UPD/TRGET field should not be compulsory*(C:022290)*

```
PAC table description: if a sub-program is called,
the UPD/TRGET field is no longer compulsory.
```

Technical lock transfer on programs and screens description were not operational*(C:022351)*

```
Technical lock transfers on programs and
screens description did not work.
They are operational now.
```

Upload / Download

Screen download and DSMS control: 'update of the entity not authorized by DSMS' error.*(C:022935)*

```
Screen download and DSMS control: the downloading operation
was impossible, a message indicating that the update of the
entity was not authorized by DSMS was displayed.
The error has been corrected.
```

PACBASE WEB CONNECTION WINDOWS/NT 3.0 V06

CORRECTED BUGS

Pacbase Web Connection

Blanks generation in the beginning of labels *(C:023947)*

```
The spaces in the beginning of labels are replaced by  
in pages to stop navigators deleting these spaces at
display.
```

EBUSINESS TOOLS 3.0 V07

NEW FUNCTIONALITIES

Proxy functionalities

Parameterizing of eBusiness tools using language (-lang)*(C:024062)*

```
The -lang parameter specifies the running language of
eBusiness tools.
```

STF

Parameterizing of eBusiness tools using language (-lang)*(C:024062)*

```
The -lang parameter specifies the running language of
eBusiness tools.
```

CORRECTED BUGS

Proxy functionalities

Definition of Vap COM proxies compilation environment *(C:024020)*

```
An ActiveXEnv_sample.txt file containing a mask of the
necessary content for the compilation start in expert mode,
is now delivered. To activate the file, it must be renamed
as ActiveXEnv.txt and the PATH, LIB and INCLUDE components
must be filled in.
If this file is activated, the machine environment variables
are not taken into account during the compilation process.
For more information on the ActiveXEnv.txt file content,
report to the file delivered as example.
For VP250 package, ActivexEnv.txt was automatically built
during the installation. Now, it is still built, but the
user must validate its content before all using.
```