***An Electronic Medical Record and Document Management Company***

**vxBCMA 3.10.10.6-3.28.72.10**

**OPEN SOURCE RELEASE NOTES**

**September 2013**

# REVISION HISTORY

**VXBCMA 3.28.72.10**

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| **Date** | **Version Name** | **Notes** |
| 11/24/2009 | **3.10.10.6** | Updated splash screen and about box with new graphic. |
| 2/21/2012 | **3.10.10.7** | Corrected main screen size contraints. |
| 2/23/2012 | **3.28.72.1** | Merged the codebases of vxBCMA and vxBCMAPar v3.10.10.1 with the BCMA and BCMAPar v3.0.28.72 codebases respectively. |
| 3/4/2012 | **3.28.72.2** | Added new DLL to resolve an access violation. |
| 3/12/2012 | **3.28.72.3** | Corrected error of unable to scan by dispensing drug object properly before logging. |
| 3/16/2012 | **3.28.72.4** | Resolved error that was generated when order was signed but not completed.  Disable option of ward stock for non IV meds. |
| 3/19/2012 | **3.28.72.5** | Changed the column header to MRN. |
| 3/22/2012 | **3.28.72.6** | Modify Patient Scan function so that it can locate/open a patient by MRN. |
| 5/16/2013 | **3.28.72.7** | Corrected error on Patient Select screen when using either MRN or SSN.  Resolved error with Help File. |
| 7/26/2013 | **3.28.72.8** | Added patient picture to Patient Confirmation form. Click on patient picture to enlarge.  Added patient picture to main form. Click on patient picture to enlarge. |
| 1/3/2014 | **3.28.72.9** | Updated splash screen graphic |
| 1/6/2014 | **3.28.72.10** | Updated 'About box' screen graphic. |

**xBCMA 3.28.72.10**

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| **Category** | Visual and Non Visual |
| **Problem Description** | Enhancement |
| **Resolution** | Updated 'About box' screen graphic. |
| **Date Implemented** | 1/6/2014 |
| **Notes** |  |

**vxBCMA 3.28.72.9**

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| **Category** | Visual and Non Visual |
| **Problem Description** | Enhancement |
| **Resolution** | Updated splash screen graphic |
| **Date Implemented** | 1/3/2014 |
| **Notes** |  |

**vxBCMA 3.28.72.8**

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| **Category** | Visual and Non Visual |
| **Problem Description** | Enhancement |
| **Resolution** | Added patient picture to Patient Confirmation form. Click on patient picture to enlarge. |
| **Date Implemented** | 7/26/2013 |
| **Notes** |  |

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| **Category** | Visual and Non Visual |
| **Problem Description** | Enhancement |
| **Resolution** | Added patient picture to main form. Click on patient picture to enlarge. |
| **Date Implemented** | 7/26/2013 |
| **Notes** | This version of vxBCMA and vxBCMAPar must be executed against a vxVistA  database with a minimum patch level of PSB\*3\_0\*28  vxPatientImages.dll v0.8.0.5 is required in order for vxBCMA v3.28.72.8 to use patient images  **vxPatientImages.dll v0.8.0.5 should be installed in the same directory as vxBCMA.exe**  For convenience, vxPatientImages.dll v0.8.0.5 is located at \\Vx-prod-ver\VxProductVersions\vxBCMA\Version 3\_28\_72\_8  It can also be found at \\VX-PROD-VER\VxProductVersions\vxPatientPictureDLL\0.8.0.5\  **Requirements for using vxPatientImages.dll v0.8.0.5 with vxBCMA v3.28.72.8:**  1. vxBCMA v3.28.72.8 (Host Application)  2. VFDVXP\_PATIENT\_PIC\_GUI\_1\_0\_T6.KID (KIDS build)  a. Patient File Field 21603 (Patient picture location pointer)  b. VFDVXP PATIENT PIC ROOT (Parameter - Patient picture root directory) |

**vxBCMA 3.28.72.7**

This version of vxBCMA and vxBCMAPar must be executed against a vxVistA Open Source database with a minimum patch level of PSB\*3\_0\*28.

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| **Category** | **Visual and Non Visual** |
| **Problem Description** | Patient select screen will use either MRN or SSN but always errors with invalid patient lookup |
| **Resolution** | Set parameter VFD PSB SCANPT ID TYPE |
| **Date Implemented** | 5/16/2013 |
| **Notes** |  |

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| **Category** | **Visual and Non Visual** |
| **Problem Description** | Open patient record is not using the MRN number - using SSN |
| **Resolution** | Now using SSN |
| **Date Implemented** | 5/16/2013 |
| **Notes** |  |

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| **Category** | **Visual and Non Visual** |
| **Problem Description** | Help Menu - Contents and Index option produces an error message stating Error Accessing |
| **Resolution** | Made .chm help file available to vxBCMA. Recoded to use .chm instead of .hlp |
| **Date Implemented** | 5/16/2013 |
| **Notes** |  |

**vxBCMA 3.28.72.6**

This version of vxBCMA and vxBCMAPar must be executed against a vxVistA Open Source database with a minimum patch level of PSB\*3\_0\*28

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| **Category** | **Visual and Non Visual** |
| **Problem Description** | Patient Look up by MRN. |
| **Resolution** | Modify Patient Scan function so that it can locate/open a patient by MRN. |
| **Date Implemented** | 3/22/2012 |
| **Notes** | **Above fix of these 2 exes files are WORKING with VFD VXVISTA UPDATE MULT 2011.1.1 T23** |

**vxBCMA 3.28.72.5**

This version of vxBCMA and vxBCMAPar must be executed against a vxVistA Open Source database with a minimum patch level of PSB\*3\_0\*28

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| **Category** | **Visual and Non Visual** |
| **Problem Description** | The Column header for MRN on the patient selection screen under the File menu is SNN. |
| **Resolution** | Changed the column header to MRN. |
| **Date Implemented** | 3/19/2012 |
| **Notes** |  |

**vxBCMA 3.28.72.4**

This version of vxBCMA and vxBCMAPar must be executed against a vxVistA Open Source database with a minimum patch level of PSB\*3\_0\*28

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| **Category** | **Visual and Non Visual** |
| **Problem Description** | When trying to place a CPRS order from vxBCMA an error is reported when the order is signed and the order is not completed. |
| **Resolution** | The backend vxVistA processes required that the Broker connection be the same for both vxBCMA and the BCMAOrderCOM.dll, however the modifications required to allow the DLL to work also established a second broker connection which caused the error. The solution was to incorporate the DLL code directly into the vxBCMA code base |
| **Date Implemented** | 3/16/2012 |
| **Notes** |  |

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| **Category** | **Visual and Non Visual** |
| **Problem Description** | Unable to scan - create WS (ward stock) - not registering administering. |
| **Resolution** | After further review of the BCMA documentation it was determined that the source of this error was that this particular menu option should only have been available for IV drugs. The solution was to disable this option for non-IV drugs. |
| **Date Implemented** | 3/15/2012 |
| **Notes** | This version should remove the restrictions on changing verify code that the previous versions had namely that changing the verify code would cause the CPRS Order button to not function properly. |

**vxBCMA 3.28.72.3**

This version of vxBCMA and vxBCMAPar must be executed against a vxVistA Open Source database with a minimum patch level of PSB\*3\_0\*28

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| **Category** | **Visual and Non Visual** |
| **Problem Description** | Unable to scan - create WS (ward stock) - terminates application |
| **Resolution** | Get information – IEN - of Despensed Drugs object properly before logging. |
| **Date Implemented** | 3/12/2012 |
| **Notes** |  |

**vxBCMA 3.28.72.2**

This version of vxBCMA and vxBCMAPar must be executed against a vxVistA Open Source database with a minimum patch level of PSB\*3\_0\*28

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| **Category** | **Visual and Non Visual** |
| **Problem Description** | When trying to place a CPRS order from vxBCMA an access violation occurs. |
| **Resolution** | The BCMAOrderCOM.dll did not exist. Modified the BCMAOrderCOM.dll to work properly with the vxVitstA RPCBroker. Modified vxBCMA to properly call the modified version of BCMAOrderCOM.dll. Modified the vxRPCBroker source code to allow the connection. |
| **Date Implemented** | 3/4/2012 |
| **Notes** | The BCMAOrderCOM.dll must be registered on each platform running vxBCMA using the regsvr32 command. This modification may fail if the user successfully changes their verify code during the signon process. |

**vxBCMA 3.28.72.1**

This version of vxBCMA and vxBCMAPar must be executed against a vxVistA Open Source database with a minimum patch level of PSB\*3\_0\*28

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| **Category** | **Visual and Non Visual** |
| **Problem Description** | The VA has released BCMA and BCMAPar v3.0.28.72. This version of the code is required to operate on DSS’ initial Open Source release. Additionally DSS’ only vxBCMA customer was recently patched with the PSB\*3\_0\*28 patch. At the time that the Open Source version of vxVistA was created the VA had not released the v3.0.28.72 version of BCMA and BCMAPar. It was decided that with proper testing that DSS would release a version of vxBCMA and vxBCMApar based on the last available FOIA release of BCMA which was v3.0.10.10. After Idaho was patched it was discovered that the v3.0.10.10 version, known internally as vxBCMA and vxBCMAPar v3.10.10.6, was in fact not compatible. Additionally the VA had released the v3.0.28.72 source code for BCMA and BCMAPar. The decision was made to move all relevant modifications from vxBCMA and vxBCMAPar v 3.10.10.6 with the BCMA and BCMAPar v.3.0.28.72 codebase. |
| **Resolution** | Merged the codebases of vxBCMA and vxBCMAPar v3.10.10.1 with the BCMA and BCMAPar v3.0.28.72 codebases respectively. Removed all modifications for internationalization and removed most of the component modifications that prevented smooth merging now and in the future. |
| **Date Implemented** | 2/23/2012 |
| **Notes** | **This is a complete conversion of the existing codebase to a new version from the VA. A complete regression test must be performed before any release to any customer. Failure to do so may result in sever adverse effects to the patient population for any site using vxBCMA.** |

**vxBCMA 3.10.10.7**

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| **Category** | **Visual and Non Visual** |
| **Problem Description** | Main Screen is not able to be resized, neither maximized screen |
| **Resolution** | Change main screen form’s size constraints property of width & height from 800, 600 pixels to 0, 0 pixels respectively. Change main screen’s DefaultMonitor property from “dmActiveFrom” to “dmMainForm” |
| **Date Implemented** | 2/21/2012 |
| **Notes** |  |

**vxBCMA 3.10.10.6**

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| **Category** | **Visual and Non Visual** |
| **Problem Description** | Need to update Splash Screen and About Box with new graphics for the open source version. |
| **Resolution** | Modified the Splash Screen and About Box with new graphics for the open source version. |
| **Date Implemented** | 11/24/2009 |
| **Notes** |  |