# SOFTWARE RELEASE NOTES – VERSION V3AURACoreF w CrDb_20200915

## DVAMAPP Enhancements/Fixes (Core Application)

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| ⇒ Improvements have been made to WiFi Communications |
| ⇒ Improvements have been made to GPRS Communications |
| ⇒ Added Docking Station Support for Z9 4G Model (SN 125XX) |
| ⇒ SPIN Servers will not restart more than once per second (AM-1506) |

## DVCREDITAPP Enhancements/Fixes (Credit/Debit/EBT Application)

| New Parameters and New Parameter Options (TPN Settings) | |
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| ⇒ Custom_Fee_Add_Tax_to_Base | This new parameter is now configurable to add a tax percentage to the base of a transaction prior to the custom fee calculation. |
| ⇒ "Print_Expiration_Date | Added a "Hide" option to this parameter, setting to "Hide" will prevent the expiration date from printing on the transaction receipt. |
| ⇒ Devices_Required_Readers_Swipe | Located under the "Registration" section this new parameter provides options to enable or disable MSR SWIPE of a card. |

| New EMV Features |
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| ⇒ DNA QuickChip (QC) has been added<br>⇒ Devices_Required_Readers_Swipe has been added for PINPADs |

| Bug Fixes |
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| ⇒ Updated SPIN response after failed pre-communication routine |
| ⇒ PreAuth Feature: Fixed PreAuth transaction to continuing PreAuth completion. |
| ⇒ Quick Chip EMV enhancements made when using PINPAD. |
| ⇒ Added support of printing Custom_Fee2 on the transaction receipt even when Custom_Fee_Print is set to Off or is hidden. |

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**DVCASHAPP** Enhancements/Fixes (Cash Application)

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| ⇒ Added Custom_fee_print functionality |
| ⇒ Fixed issue where cash refunds are prompting for tip |

**DVGIFTAPP** Enhancements/Fixes (Gift Application)

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| ⇒ Added PINPAD Support to Gift transactions. |
| ⇒ Added Partial approval support to the Clutch Gift Host |

**DVPINPADAPP** Enhancements/Fixes (PINPAD Application)

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| ⇒ Added synchronized parameter push engine to PINPAD client applications |

**DVFISCALAPP** Enhancements/Fixes (Fiscal Application)

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| ⇒ Added support for Vmantek on the Softek host. |

**DVLIBRARY** Enhancements/Fixes (Program Library Files)

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| ⇒ Merge fix for Util_DecodeBase64 from 2019-12-05-5 patch. |
| ⇒ Merge atomic config file update from 2019-12-05-5 patch. |
| ⇒ Merge removal of CloseAllDrvHandle calls from 2019-12-05-5 patch. |
| ⇒ Merge removing "sync" calls from 2019-12-05-5 patch. |
| ⇒ Merge GetXmlValue/GetXmlTagValue changes from 2019-12-5-5 patch. |

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**HOST/PLATFORM SPECIFIC** Enhancements/Fixes

| Base Commerce |
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| ⇒ Changed Content Type to application/x-www-form-urlencoded. Before it was application/json |
| **Rapid Connect** |
| ⇒ Made changes in accordance with ongoing certification. |
| **Priority Payment Systems (PPS)** |
| ⇒ Removed checking for AID before sending entry type as fallback when a fallback was performed. In the past, if the AID did not exist in the EMV config the terminal would send entry type as swipe during fallback |
| **Z Credit** |
| ⇒ There were several improvements made to accommodate the Z Credit Host. |
| **Surpay** |
| ⇒ Added change to send cardholder name regardless of amount |
| **Clearent** |
| ⇒ Increased size of tip adjustment URL buffer. |
| **Global Canada** |
| ⇒ Fix to Returns totals not being sent during settlement. |
| **TSYS** |
| ⇒ Remove unnecessary code of protocol error and EMV contact to do a reversal. |
| ⇒ Fix to memory corruption. Also increased MAX_HOST_DATA to 900 bytes |
| **DTI** |
| ⇒ Removed duplicated merchant selection in DTI mode. |