



# OCTOBER 2019 RELEASE FEATURE HIGHLIGHTS

Natural, Adabas, EntireX, ApplinX, Entire System Management

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Product	Version	Feature Highlights
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<b>Adabas Mainframe</b>	ADA 8.5.1	<ul style="list-style-type: none"> <li>• Increase Adabas zIIP Offload percentage in optimizing User Exit invocation</li> <li>• Improve Security –authorization for Adabas Utilities through Adabas SAF Security</li> <li>• Improve Security – authorization for Adabas administration functions through Adabas SAF Security</li> <li>• Improve Security –auditing Adabas Security violations through Adabas SAF Security</li> <li>• Streamlining of the Adabas products packaging and installation by simplifying the install</li> <li>• TCP/IP support for Batch applications to do point-to-point communication with an remote Adabas database</li> </ul>
<b>Entire NetWork MF/LUW</b>	WCP 6.5.1 / 7.9.0	<ul style="list-style-type: none"> <li>• Access the TCP/IP route of applications accessing a remote target</li> <li>• Replacement of the NET-Work LUW Administration with the Adabas Manager</li> <li>• Availability of the mainframe NET-Work statistics, including zIIP stats, with the Adabas Manager</li> </ul>
<b>Event Replication MF</b>	ARF V3.8.1	<ul style="list-style-type: none"> <li>• Improve Security – authorization for Replication Utilities through Adabas SAF Security</li> <li>• Improve Security – authorization for Replication administration functions through Adabas SAF Security</li> <li>• support of Apama as a target for Target Adapter</li> <li>• support of Apama as a target for Replication Monitoring</li> <li>• Addition of the Adabas (binary) target to the Target Adapter for better through-put</li> </ul>
<b>Event Replicator LUW</b>	ARN 14.0	<ul style="list-style-type: none"> <li>• Replicate Adabas data to Web Methods IS via EntireX.</li> <li>• Configure auditing for sensitive Adabas files accessed through the Adabas SQL Gateway.</li> <li>• Replicate Adabas data in docker to any target system</li> </ul>
<b>Adabas LUW</b>	ADA 6.7.1	<ul style="list-style-type: none"> <li>• Security: Local authentication for REST administration server</li> </ul>
<b>Adabas Manager</b>	AMN 8.5	<ul style="list-style-type: none"> <li>• Administer Entire Net-Work on LUW</li> <li>• Monitor Entire Net-Work on MF</li> <li>• Adabas LUW: Display spanned records and administer TCP-IP parameter</li> </ul>

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<b>NaturalONE</b>	ONE 9.1.2	<ul style="list-style-type: none"> <li>Enhanced devOps capabilities in deploying Adabas assets based on Predict</li> <li>Ensure high security via SSL connecting NaturalONE to server Natural</li> <li>Enhance NaturalONE usage scope in supporting Arabic, Hebrew, Japanese (DBCS)</li> <li>Enhanced access to Natural Utilities/products in extending the NaturalONE tools facility</li> <li>Compatibility with green screen map editor: Color support – back ground colors- for map editor</li> <li>Support of new Eclipse version 4.11</li> </ul>
<b>Natural for AJAX</b>	NJX 9.1.2	<ul style="list-style-type: none"> <li>Make the generation of AJAX pages faster for HTML generation</li> <li>The content of a Grid can now be exported to Excel</li> <li>Improved error handling : Double-click error in Problems view will mark Property</li> <li>Natural for AJAX now accessible from Natural navigator view</li> <li>Mobile controls are now based on Bootstrap v4</li> </ul>
<b>Natural LUW</b>	NAT 9.1.2	<ul style="list-style-type: none"> <li>Simplified configuration and set-up of Natural and ApplinX in Natural Online scenarios, i.e. Web-Scenarios with ApplinX</li> </ul>
<b>ApplinX</b>	APX 10.5	<ul style="list-style-type: none"> <li>ApplinX now supports running in a Container (Docker), the docker image contains a fully functional built in web emulation</li> <li>A Health Check utility is provided to check that all components (ApplinX server, ApplinX Natural daemon, Natural, Adabas) are functioning in a Docker environment</li> <li>Better Correlation between the ApplinX Session and the Natural Process for easier tracking of the ApplinX session ID within the Natural environment</li> <li>Easier built-in support for 3 security models (System, PAM and Natural Security) in a Natural for UNIX environment</li> <li>Various usability improvements, bug fixes and support for new platforms (SUSE Enterprise Linux 15 and Red Hat Enterprise Linux 8) and updated versions for plugins (VS2017, Eclipse 4.11, Log4J 2.X)</li> </ul>
<b>EntireX</b>	EXX 10.5	<ul style="list-style-type: none"> <li>API Enablement: Consumer REST services from Natural &amp; COBOL clients</li> <li>Application Monitoring: Dynamic configuration, Data Collector integrated within Adapter, ...</li> <li>CICS Socket Listener for z/VSE</li> <li>Individually select services to be extracted from Integration Server</li> </ul>
<b>ConnX</b>	CXA 14.0	<ul style="list-style-type: none"> <li>Replicate Adabas data to webMethods Integration Server via EntireX</li> </ul>

- Configure auditing for sensitive Adabas files accessed through the Adabas SQL Gateway
- Replicate Adabas data in docker to any target system
- Better JDBC support for setObject and getObject
- Enhanced record locking control for RMS

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LUW = Linux, Unix, Windows

MF=Mainframe

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