



Spring 2020 Eagle Newsletter

The Eagle team has been busy with customers implementing new sites and upgrading to the latest versions of QAD Adaptive ERP across all industries. Two large, multi-site international automotive components manufacturers just completed upgrade projects at plants throughout North America. An existing electronics manufacturer just completed a finished goods serialization tracking project. An international food and beverage manufacturer has an upgrade project underway. Several new QAD life sciences customers have started implementations to assist with lot/serial product tracking. A 20-year consumer products company just completed a serialized shipping project. The net new and upgrade projects involve both On Premise and CLOUD implementations including customers shifting On Premise to CLOUD. Please look for expanded case studies on these projects on our website.

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New Serialized Receipt Logic

The Eagle RF PO Receipt has been enhanced to add new functionality to automatically generate up to 1,000 sub-lots per parent lot number. Individual sub-lot inventory labels are automatically printed for product identification and use in subsequent transactions. This new logic retains the parent-child relationship between the sub-lot and parent lot while facilitating inventory transactions on individual sub-lot units.

Putaway Logic Extension

Existing RF Express directed warehouse putaway logic has long included features to guide operators to available open locations. Additionally, simple setups can be used to group items together into designated primary, secondary, and overflow putaway zones. Sites leverage this feature to optimize picking workflows by logically storing inventory within the warehouse. The putaway functionality has now been expanded to incorporate location capacity logic. This new feature expands Eagle putaway functionality to support warehouse locations that can hold multiple pallets. The operator will be directed to putaway locations that are empty or partially open. Eagle putaway logic can also be restricted to a subset of locations based upon location type. This option provides an additional level of control. All of this functionality can be enabled and managed with very simple streamlined setups.

Introducing Eagle Attributes

If variable parameter data capture upon receipt is required, then Eagle Attributes may be the answer. Simple setups allow free-form entry of desired attribute parameters that will then appear as prompts in existing



Eagle receipt transactions. Attribute examples would include things like temperature, country of origin, color, grade, etc. Conforming responses can be designated for each prompt in list format or as min/max values. The setups also support designations to determine whether a non-conforming prompt response should result in an error or warning within the designated receipt transaction. Eagle Attribute prompts and messages are seamlessly integrated into existing Eagle transactions. Captured data elements are stored in multiple tables. Please contact your Eagle Application Consultant for additional details.

Expanded Data Identifier Logic

Throughout the RF Express for QAD product, Eagle has maintained industry standard data identifier logic for over 25 years. Data identifiers are typically embedded at the beginning of barcodes to help the operator scan the proper barcode (P for part number, Q for quantity, L for lot number, etc.). For example, at the Eagle Quantity prompt, an improper scan of part or lot is easily detected because a leading P or L is not expected and thus not removed resulting in an error. This type of error proofing is especially useful when scanning vendor supplied labels on raw material or customer mandated labels on outbound product. For some industries, it is necessary to scan and remove leading and trailing characters from the barcode. This functionality has also been standard, but now is significantly enhanced to provide even more configurability for varying industry standards. The use of QAD Generalized Codes allows for defining the data element in the Field Name (part, quantity, lot, reference) and the actual variable data identifier in the Value. The Generalized Code Comment allows for setting rules to parse leading and trailing characters from the string as well. The new logic design compliments existing functionality while anticipating future requirements as well.



Continuous Transaction Processor / Production Orders



We have discussed the Eagle CTP (Continuous Transaction Processor) functionality that can accept data from shop floor logic controller equipment via file transfer/XML to automatically execute inventory, labor, and production transactions including label generation. With sites now implementing the latest versions of QAD, the CTP input process has been expanded to support the necessary Production Order parameters. This functionality will allow the advanced Production Order functionality with automatic transaction reporting. Production control equipment from the floor sends the appropriate part and quantity with real-time update to QAD and finished good label generated.

Eagle Android Client / PICS DocLib Document Management Integration

Eagle's award winning RF Express for QAD Android client is now integrated with PICS' DocLib Document Management Application. Users can easily use the Android handheld built-in camera to capture and store documents throughout many standard Eagle transactions. For example, an image of received product or certification documentation can be captured during a Purchase Order Receipt (POR) transaction from the handheld. Eagle transactional data and associated image moves seamlessly into the DocLib solution for both on-premise and QAD Cloud sites. The

integrated functionality allows the operator to transact, capture images, and label product from one user session for maximum efficiency. Eagle continues to expand the image capture capability and DocLib update to other logical transactions such as shipping.



Additional software features/enhancements (just to mention a few)

- The \$TIMEON transaction trace routine now includes a \$VERSION option to show the running program version (useful when testing program updates).
- Enhanced configuration, navigation, and display features Android and .NET Eagle device client options.
- User Session Capture feature allows for logging of all transactions and screen I/O for specific users. A full-screen routine that resides on your QAD menu will show all transaction usage/prompting/display messages. This logic is useful for analyzing user efficiency and training needs.
- Widely used Labor On-Off (LOF) display have been updated to include NEXT OPERATION to facilitate more paperless reporting on the floor. The operator receives an electronic display showing the next operation in the routing.
- Eagle label format assignment logic has been expanded to add an easy setup option that supports printing labels in facilities with printers using multiple print resolutions and/or printer languages.

Please contact your Eagle Application Specialist/Project Manager or Account Representative for more information on any of the new features/functionality in this update.



In these challenging times, we wanted to remind our customers that Eagle is here to support you and your business. Our customer and technical support systems for global On Premise and Cloud are operating normally. Please stay safe and contact us at any time.

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