



Intelligent Sensing Products
Vision/Bar Code/RFID

March 1999
Field Communication

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1. Summary

This document provides an update of the Intelligent Sensing Products (ISP) plan for transitioning out of the vision, bar code and RFID product lines, including more detailed information regarding future product availability and support. In an effort to be as thorough and complete as possible, we have consolidated a great amount of information into this document. It is important that you read this information carefully to understand how the decisions that have been made affect your customers. It is also important that the information be communicated accurately to your customers and to the distributors. Please keep this document for reference and future use.

2. Bulletin 2803, 2804, 2806, and 5370 Vision Update

2.1. 2806 Optix

2.1.1. Status

- The new A-B Optix product line was sold to Cognex in July 1999.
- Optix and the Cognex Checkpoint family of vision products are available as Encompass products.

2.1.2. Availability [Contact COGNEX]

- For availability and information regarding Optix and Checkpoint products, Contact COGNEX Corp. at (508) 652-3000.

2.2. 2803 VIM2, 2804 SLS, 5370 CVIM family

2.2.1. Status

- These products are obsolete.

2.2.2. Availability [Existing Customers Only]

We will continue to sell the VIM2, SLS, and CVIM family vision products through September 30, 2000, or until inventory is depleted. Products are to be sold to existing customers for use in existing applications only!

- New applications are to be referred to COGNEX.
- Pre-sales application support must be provided either by Cognex or by GTS.

2.2.3. Warranty/Repair [Contact GTS Support Coordinator]

- GTS will support billable and warranty repair of A-B vision products through September 30, 2005. Contact your local GTS support coordinator.

2.2.4. Customer Support

- Telephone support for existing customers will be provided by the A-B Machine Vision Message Center Help Line, (414) 382-4172, until September 30, 2000.

3. Bulletin 2755 Bar Code Update

3.1. 2755 SN3 / SN5 / SN8 AdaptaScan

3.1.1. Status

Rockwell Automation has finalized the sale of the AdaptaScan product line to Accu-Sort Systems, Inc. Accu-Sort Systems is an Encompass partner and several of their scanning products are available through the Encompass program. AdaptaScan will also be offered as an Encompass product effective October 1, 1999.

3.1.2. Availability [Sell To New or Existing Accounts]

- The AdaptaScan product line will continue to be manufactured, sold, and supported by Rockwell Automation until September 30, 1999.
- Effective October 1, 1999, AdaptaScan will only be available for sale from Accu-Sort.
- Contact Lewis Harris at Accu-Sort, (770) 441-6479, for further information.

3.1.3. Warranty/Repair

- Rockwell Automation will continue to support all warranty repair and replacement of AdaptaScan through September 30, 1999.
- Effective October 1, 1999, all billable and warranty repair for AdaptaScan will be provided by Accu-Sort. Distributors and customers are to return product directly to Accu-Sort.

3.2. 2755 DM6 / DM9 / DM9 Special Decoders

3.2.1. Status

- These products are obsolete.

3.2.2. Availability [No New Product Sales]

- As of February 1, 1999, the 2755 DM6/DM9/DM9 Specials were put on Deny/Restrict on the Passport order entry system. No future orders will be accepted for these products.
- Please refer to Appendix A for recommended replacement products.

3.2.3. Warranty/Repair

- Exchange units and minor repairs are available from GTS through September 30, 2005, or until inventory is depleted.
- Upgrading customer applications to use AdaptaScan or another Encompass partnered product is highly recommended.

3.3. 2755 L5 / L7 / L9 Scanners

3.3.1. Status

- These products are obsolete.
- As of February 1, 1999, the 2755 L5/L7/L9 scanners were put on Deny/Restrict on the Passport order entry system. No future orders will be accepted for these products.

3.3.2. Availability [No New Product Sales]

- Please refer to Appendix A for recommended replacement products.

3.3.3. Warranty/Repair

- Warranty repair and replacement for standard products will be available until July 30, 2000. Warranty repair and replacement for specials will be available until September 30, 2000.
- Billable repairs will be available from GTS through September 30, 2003, or until inventory is depleted.
- Upgrading customer applications to use AdaptaScan or other Encompass partnered products is highly recommended.

3.4. 2755-IA5S / IM5S / OA5S / OM5S High Voltage, Discrete I/O Modules

3.4.1. Status

- These products are obsolete.
- The I/O modules are no longer available from Rockwell Automation and must be purchased from Western Reserve Control (WRC), the original equipment manufacturer.

3.4.2. Availability [No Orders Accepted]

- The 2755 High Voltage Discrete I/O Modules have been put on Deny/Restrict on the Passport order entry system. No future orders will be accepted for these products.

3.4.3. Warranty/Repair

- Warranty replacement units are available through GTS until September 1, 2000.
- Customers needing non-warranty replacement units are to contact WRC directly.
- Modules with CE markings can only be obtained from WRC.
- Please refer to Appendix A 'I/O Modules' or the Passport order entry system.
- The notes on Passport reference the appropriate WRC part number and provide **WRC's phone number (330-762-1611)**.

Rockwell Automation Allen-Bradley	Western Reserve
2755 IA5S	1781 IA5S
2755 IM5S	1781 IM5S
2755 OA5S	1781 OA5S
2755 OM5S	1781 OM5S

3.5. 2755-IB5S / OB5S Low Voltage, Discrete I/O Modules

3.5.1. Status

- These products are obsolete.
- All low voltage discrete I/O modules have been put on Deny/Restrict on the Passport order entry system. No future orders will be accepted for these products.
- Orders for the Bulletin 2755 products will automatically be filled with equivalent Bulletin 2801 units.

3.5.2. Availability [Sell To Existing Customers Only]

- 2755 discrete I/O modules have been replaced with the corresponding 2801 vision I/O modules, and orders are converted automatically on Passport.
- We recommend using bulletin 2801 part numbers when ordering bulletin 2755 I/O modules (units are identical except for catalog number and label).
- These products will be offered for sale until September 30,1999, or until inventory is depleted.
- After September 30, 1999, these I/O modules will become obsolete and will be discontinued.

3.5.3. Warranty/Repair

- Warranty and GTS will provide replacement parts until March 1, 2001, after which replacement parts will only be available from WRC.

Rockwell Automation Allen-Bradley	Replacement	Western Reserve
2755 IB5S	2801 JID	1781 IB5S
2755 OB5S	2801 JOD	1781 OB5S

3.6. 2755 LD4 / LD8

3.6.1. Status

- These products are obsolete.

3.6.2. Availability [Sell LD4 To Existing Accounts Only/LD8 No Sales]

- The 2755 LD4 is available for sale until September 30, 2000 or until inventory is depleted.
- Notify your customers and begin a last time purchase of the 2755 LD4 scanner.
- The 2755 LD8 has been put on Deny/Restrict on the Passport order entry system. No future orders will be accepted for this product.
- Recommend to customers to update their applications with Encompass partnered products.
- Please refer to Appendix A for replacement products.

3.6.3. Warranty/Repair

- Warranty and billable repair for the both the 2755 LD4 and LD8 will be available through GTS until September 30, 2003, or until inventory is depleted.

3.7. 2755 DD / DS / DH1 Enhanced Decoders

3.7.1. Status

- These products are obsolete.
- Notify your customers and have them place an order for a last time purchase of these products. Recommend that they update their applications to use Encompass partnered products.

3.7.2. Availability

- The basic DD, DS, DH1 units and components are available for order entry through September 30, 2000.
- All factory configured DD/DS and DH1 units have been put on Deny/Restrict in the Passport order entry system. No future orders will be accepted for these products.
- Please refer to Appendix A 'Enhanced Decoders' section for component selection information when ordering special DD/DS, DH1 systems.

3.7.3. Warranty/Repair

- Warranty and replacement units will be available through GTS until March 30, 2002.
- Billable repairs are available through GTS until September 30, 2003, or until inventory is depleted.

3.8. 2755 HTG-x / HUG-x / HDG-x / HCG-x Hand Held Scanners

3.8.1. Status

- Transferred to GTS.
- These hand held scanners were listed as RP part numbers on the GTS and Passport systems, as of September 30, 1998.
- These products are only available under the A-B logo for a limited time through GTS.

3.8.2. Availability [Contact GTS]

- When ordering on Passport use the RP prefix. (E.g. use RP2755HTG when ordering the 2755-HTG).
- The RP designation is for 'Renewal Part' from GTS. This is new product.

3.8.3. Warranty/Repair

- Warranty and billable repairs will be available through GTS until September 30, 2000.

4. Bulletin 2760 RB Module

- The RB Module has been transferred to the Control and Information Group.
- Contact Scott Erdman at (440) 646-3698 for information regarding this product.

5. Bulletin 2750 RFID Update

5.1. 2750 Txx Tags / 2750 Axx Antennas

5.1.1. Status

- These products are obsolete.

5.1.2. Availability [Existing Customers Only]

- The 2750 RFID Antennas, 2750 High Temperature Tags and 2750 Read/Write Tags will be available for sale to existing customers for use in existing applications until September 30, 2003, or until inventory is depleted.
- Release of the new 2750 TR/TR6/TRE high temperature round tag is being impacted by component obsolescence issues. Target AFS date is July 1999.
- Notify all automotive accounts regarding the change in availability of the round tag. Convert round tag orders to rectangular tag orders as required to meet customer delivery requirements. (We realize that this may impact the migration of customer applications from the rectangular to round tags.)
- Component obsolescence issues have resulted in reduced manufacturing yields and created a backlog of 2750 high temperature rectangular tags. We expect to be operating with a substantial backlog until July 1999. Orders are being manually prioritized. Please contact Randy Holterman directly at (414) 382-2574 regarding customer delivery requirements. The field will be notified as soon as normal production capacity resumes, and the backlog is cleared.

5.1.3. Warranty/Repair

- Billable and warranty repairs will be available through GTS until September 30, 2007, or until inventory is depleted.

6. Brand Label Partners

6.1. Bar Code

6.1.1. Hewlett-Packard

Hewlett-Packard manufactures the 2755-W1, W2, and W5 wand scanners and 2755-B1 and B2 slot scanners.

- For your convenience, a cross reference list of Rockwell Automation Allen-Bradley's obsolete brand label product catalog numbers and corresponding Hewlett-Packard catalog numbers is included in Appendix B.
- For information on Hewlett-Packard products contact your local H-P distributor or Warren Miedema at (800) 477-6111 ext. 2304.

6.1.2. Datalogic, Inc.

Datalogic manufactures the 2755-LR3 ReadScan and the 2755-LR5 FlexiScan bar code readers.

- This former brand label partner is a new Encompass Partner, and several of their scanning products are offered through the Encompass program.

- For your convenience, a cross-reference list of Rockwell Automation Allen-Bradley obsolete brand label product catalog numbers and corresponding Datalogic catalog numbers is included in Appendix B.
- For information on Datalogic products contact Darrell Owen at (606) 689-7000.

6.1.3. MicroScan Systems, Inc.

MicroScan manufactures the 2755-L6XX Atomscan and 2755-LS7 Atomscan + products.

- This former brand label partner is a new Encompass Partner, and several of their scanning products are offered through the Encompass program.
- GTS will continue to service the Atomscan and Atomscan+ products for a limited period of time, after which customers will be instructed to send products directly to MicroScan.
- For direct return and repair information from MicroScan, please contact Mark Bath at (800) 251-7711, Ext. 1129 or by e-mail: mbath@Microscan.com.
- For your convenience, a cross reference list of Rockwell Automation Allen-Bradley's obsolete brand label product catalog numbers and corresponding MicroScan catalog numbers is included in Appendix B.

6.1.4. Symbol Technologies, Inc.

Symbol Technologies, Inc. manufactures the 2755-HXX hand held bar code products.

- These products will be available for a limited time through GTS (Contact GTS for more information).

6.1.5. Metrologic Instruments, Inc.

Metrologic manufactures the 2755-LHX StrataScan products.

- Metrologic Instruments, Inc. has become an Encompass Partner, and several of their scanning products are offered through the Encompass program.
- They will continue to service StrataScan products.
- For your convenience, a cross reference list of Rockwell Automation Allen-Bradley's obsolete brand label product catalog numbers and corresponding Metrologic catalog numbers appears in Appendix B.
- For return and repair information contact Metrologic's customer service group at (800) 436-3876.

6.1.6. Linx Data Terminals

Linx manufactures the 2708-DH decoders and accessories.

- Linx will continue to service these products.
- For your convenience, a cross reference list of Rockwell Automation Allen-Bradley's obsolete brand label product catalog numbers and corresponding Linx catalog numbers is included in Appendix B.
- For direct return and repair information please contact Nina Mentch at Linx Data Terminals, Inc., (972) 964-7090.

6.2. RFID

6.2.1. Escort Memory Systems

In order to assist our customers in identifying a future migration path for their applications, we have established an Encompass Partner relationship with EMS (Escort Memory Systems), of Scotts Valley California.

Allen-Bradley and EMS have developed a strong relationship over the past several years. EMS was a Pyramid Solutions Partner for two years prior to becoming a brand label partner. As a result of our decision to transition out of the RFID product line, our brand label relationship has ended. EMS is now an Encompass Partner and well positioned to provide a migration path for our installed customer base. Here are some reasons why.

- EMS has a complete line of RFID products that interface to our PLC and SLC products.
- EMS has been producing Read / Write RFID products and selling them into the Transportation Industry for over 13 years.
- EMS is developing a long range, high temperature RFID tag targeted to be available Q3 of 99. The technology will be based on their proven HMS100-Series passive, short range, high temperature tags.
- A-B and EMS have successfully joined sales efforts to introduce EMS's RFID technology and Rockwell's automation solutions to our automotive customers. Recent examples are successes in Europe securing new business at both BMW/Rover and at Mercedes.

It will take several years to convert our automotive customers from our current RFID products, so it is very important to start working with the Automotives today to begin the migration process. The recommended timetable for successful migration is as follows:

- Selection of new products and technologies by the year 2000.
- Pilot plant installation and test by the year 2001.
- Plant installations at a rate of 2-3 per year, starting in the year 2002.
- Completion of all conversions by the year 2007.

This gives our customers the 9-year period during which Allen-Bradley RFID products will still be available to complete their migration process.

We encourage you to work with EMS to plan the migration path for your automotive customers. Contact Stephen Crocker at (800) 626-3993 Ext. 222.

7. Appendix A

Many of the bar code products have been placed on Deny/Restrict on Passport. This action will eliminate several specials, I/O modules, configured Enhanced Decoders and most LD8s. The following list identifies the restricted bar code products, replacement products and the effective Deny/Restrict dates.

7.1. 2750 RFID Tags

RFID Tags	Replacement Products	D/R Date
2750-TSHU40P6E	2750-TSHU40 used with customer programmer on site.	3/1/99
2750-TR6E	2750-TR used with customer programmer on site.	3/1/99

7.2. 2755 DM6 / DM9 Decoders

Decoders	Replacement Products	D/R Date
X2755 DM6	Enhanced Decoder to replace Decoder, or AdaptaScan to replace Decoder and Scanner.	2/1/99
X2755 DM9	Enhanced Decoder to replace Decoder, or AdaptaScan to replace Decoder and Scanner.	2/1/99
X2755 DM9X1	Enhanced Decoder to replace Decoder, or AdaptaScan to replace Decoder and Scanner.	2/1/99
X2755 DM9X5	Enhanced Decoder to replace Decoder, or AdaptaScan to replace Decoder and Scanner.	2/1/99
X2755 DM9X8	Enhanced Decoder to replace Decoder, or AdaptaScan to replace Decoder and Scanner.	2/1/99

7.3. 2755 L5 / L7 / L9 Scanners

Scanners	Replacement Products	D/R Date
X2755 L5RAA	2755-SN3, Note that a separate decoder is not needed when using the 2755-SN3.	2/1/99
X2755 L5RBA	2755-SN3, Note that a separate decoder is not needed when using the 2755-SN3.	2/1/99
X2755 L5RCA	2755-SN3, Note that a separate decoder is not needed when using the 2755-SN3.	2/1/99
X2755 L5RDA	2755-SN3, Note that a separate decoder is not needed when using the 2755-SN3.	2/1/99
X2755 L7RA	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN5.	2/1/99
X2755 L7RB	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN5.	2/1/99
X2755 L7RC	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN5.	2/1/99
X2755 L7RD	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN5.	2/1/99
X2755 L7RX1	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN5.	2/1/99
X2755 L7RX3	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN5.	2/1/99
X2755 L7RX4	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN5.	2/1/99
X2755 L7RX5	2755-SN3, Note that a separate decoder is not needed when using the 2755-SN3.	4/15/99
X2755 L7RX6	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN5.	2/1/99
X2755 L7SA	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN5.	2/1/99
X2755 L7SB	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN5.	2/1/99
X2755 L7SC	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN5.	2/1/99
X2755 L7SD	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN5.	2/1/99
X2755 L7SX3	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN5.	2/1/99
X2755 L7SX5	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN5.	2/1/99
X2755 L9RA	2755-SN8, Note that a separate decoder is not needed when using the 2755-SN8.	2/1/99
X2755 L9RB	2755-SN8, Note that a separate decoder is not needed when using the 2755-SN8.	2/1/99
X2755 L9RD	2755-SN8, Note that a separate decoder is not needed when using the 2755-SN8.	2/1/99
X2755 L9SA	2755-SN8, Note that a separate decoder is not needed when using the 2755-SN8.	2/1/99
X2755 L9SB	2755-SN8, Note that a separate decoder is not needed when using the 2755-SN8.	2/1/99
X2755 L9SD	2755-SN8, Note that a separate decoder is not needed when using the 2755-SN8.	2/1/99

7.4. 2755 IA5S / IB5S / IM5S / OA5S / OB5S / OM5S I/O Modules

I/O Modules	Replacement Products	D/R Date
X2755 IA5S	WRC* Part 1781-IA5S	1/22/99
X2755 IB5S	2801-JID or WRC* Part 1781-IB5S	1/22/99
X2755 IM5S	WRC* Part 1781-IM5S	1/22/99
X2755 OA5S	WRC* Part 1781-OA5S	1/22/99
X2755 OB5S	2801-JOD or WRC* Part 1781-OB5S	1/22/99
X2755 OM5S	WRC* Part 1781-OM5S	1/22/99

7.5. 2755 DD Enhanced Decoders

Enhanced Decoders	Replacement Products	D/R Date
X2755 DD1A-0-B6-R1	2755-DD1A, 2 of 2755-NB0, 2755-NB1, 2755-NR1	2/1/99
X2755 DD1A-1-B5-R1	2755-DD1A, 77121-801-02, 2755-NB1, 2755-NB0, 2755-NR1	2/1/99
X2755 DD1A-2	2755-DD1A, 77121-801-03	2/1/99
X2755 DD1A-B1	2755-DD1A, 2755-NB1	2/1/99
X2755 DD1A-B1-R1	2755-DD1A, 2755-NB1, 2755-NR1	2/1/99
X2755 DD1A-B2	2755-DD1A, 2755-NB2, 2801-JID, 2810-JOD	2/1/99
X2755 DD1A-B2-R1	2755-DD1A, 2755-NR1, 2755-NB2, 2801-JID, 2810-JOD	2/1/99
X2755 DD1A-B5-R1	2755-DD1A, 2755-NB0, 2755-NB1, 2755-NR1	2/1/99
X2755 DD1A-B6	2755-DD1A, 2 of 2755-NB0, 2755-NB1	2/1/99
X2755 DD1A-B6-R1	2755-DD1A, 2 of 2755-NB0, 2755-NB1, 2755-NR1	2/1/99
X2755 DD1A-B7-R1	2755-DD1A, 2755-NR1, 2 of 2755-NB0, 2755-NB1, 2801-JID, 2810-JOD	2/1/99
X2755 DD1A-R1	2755-DD1A, 2755-NR1	2/1/99
X2755 DD1A-U-R1	2755-DD1A, 2755-NR1	2/1/99
X2755 DD1A-0	2755-DD1A	2/1/99
X2755 DD1A-2	2755-DD1A, 77121-801-03	2/1/99
X2755 DD1A-2-B2	2755-DD1A, 77121-801-03, 2755-NB2	2/1/99
X2755 DD1A-0-B1-R1	2755-DD1A, 2755-NB1, 2755-NR1	2/1/99
X2755 DD1A-1-B2-R1	2755-DD1A, 77121-801-02, 2755-NB1, 2801-JID, 2810-JOD, 2755-NR1	2/1/99
X2755 DD1A-2-B1-R1	2755-DD1A, 77121-801-03, 2755-NB1, 2755-NR1	2/1/99
X2755 DD1A-2-B2-R1	2755-DD1A, 77121-801-03, 2755-NB1, 2801-JID, 2810-JOD, 2755-NR1	2/1/99
X2755 DD1P-2-B2	2755-DD1P, 77121-801-03, 2755-NB1, 2801-JID, 2810-JOD	2/1/99
X2755 DD1P-B1	2755-DD1P, 2755-NB1	2/1/99
X2755 DD1P-B1-R1	2755-DD1P, 2755-NB1, 2755-NR1	2/1/99
X2755 DD1P-B2-R1	2755-DD1P, 2755-NB1, 2801-JID, 2810-JOD, 2755-NR1	2/1/99
X2755 DD1P-B7-R1	2755-DD1P, 2755-NB1, 2801-JID, 2810-JOD, 2 of 2755-NB0, 2755-NR1	2/1/99
X2755 DD1P-2-B2-R1	2755-DD1P, 77121-801-03, 2755-NB1, 2801-JID, 2810-JOD, 2755-NR1	2/1/99
X2755 DD4A-U-B1-R1	2755-DD4A, 2755-NB1, 2755-NR1	2/1/99
X2755 DD4A-U-B2-R1	2755-DD4A, 2755-NR1, 2755-NB2, 2801-JID, 2810-JOD	2/1/99
X2755 DD4A-B1	2755-DD4A, 2755-NB1	2/1/99
X2755 DD4A-B1-R1	2755-DD4A, 2755-NB1, 2755-NR1	2/1/99
X2755 DD4A-B2	2755-DD4A, 2755-NB1, 2801-JID, 2810-JOD	2/1/99
X2755 DD4A-B2-R1	2755-DD4A, 2755-NB1, 2801-JID, 2810-JOD, 2755-NR1	2/1/99
X2755 DD4A-B6	2755-DD4A, 2755-NB1, 2 of 2755-NB0	2/1/99
X2755 DD4A-B6-R1	2755-DD4A, 2755-NB1, 2 of 2755-NB0, 2755-NR1	2/1/99
X2755 DD4A-B7	2755-DD4A, 2755-NB1, 2801-JID, 2810-JOD, 2 of 2755-NB0	2/1/99

7.6. 2755 DD Enhanced Decoders Continued

Enhanced Decoders	Replacement Products	D/R Date
X2755 DD4A-B7-R1	2755-DD4A, 2755-NB1, 2801-JID, 2810-JOD, 2 of 2755-NB0, 2755-NR1	2/1/99
X2755 DD4A-R1	2755-DD4A, 2755-NR1	2/1/99
X2755 DD4A-0-B2-R1	2755-DD4A, 2755-NB1, 2801-JID, 2810-JOD, 2755-NR1	2/1/99
X2755 DD4P-B1-R1	2755-DD4P, 2755-NB1, 2755-NR1	2/1/99
X2755 DD4P-B6-R1	2755-DD4P, 2755-NB1, 2 of 2755-NB0, 2755-NR1	2/1/99
X2755 DD4P-R1	2755-DD4P, 2755-NR1	2/1/99

7.7. 2755 DS Enhanced Decoders

Enhanced Decoders	Replacement Products	D/R Date
X2755 DS1A-0	2755-DS1A	2/1/99
X2755 DS1A-0-B1	2755-DS1A, 2755-NB1	2/1/99
X2755 DS1A-0-B2	2755-DS1A, 2755-NB1, 2801-JID, 2810-JOD	2/1/99
X2755 DS1A-0-R1	2755-DS1A, 2755-NR1	2/1/99
X2755 DS1A-1	2755-DS1A, 77121-801-02	2/1/99
X2755 DS1A-1-B2	2755-DS1A, 77121-801-02, 2755-NB1, 2801-JID, 2810-JOD	2/1/99
X2755 DS1A-1-R1	2755-DS1A, 77121-801-02, 2755-NR1	2/1/99
X2755 DS1A-1-U-B1	2755-DS1A, 77121-801-02, 2755-NB1	2/1/99
X2755 DS1A-2	2755-DS1A, 77121-801-03	2/1/99
X2755 DS1A-2-B2	2755-DS1A, 77121-801-03, 2755-NB1, 2801-JID, 2810-JOD	2/1/99
X2755 DS1A-2-R1	2755-DS1A, 77121-801-03, 2755-NR1	2/1/99
X2755 DS1A-B1	2755-DS1A, 2755-NB1	2/1/99
X2755 DS1A-B1-R1	2755-DS1A, 2755-NB1, 2755-NR1	2/1/99
X2755 DS1A-B2	2755-DS1A, 2755-NB1, 2801-JID, 2810-JOD	2/1/99
X2755 DS1A-B2-R1	2755-DS1A, 2755-NB1, 2801-JID, 2810-JOD, 2755-NR1	2/1/99
X2755 DS1A-B5	2755-DS1A, 2755-NB1, 2755-NB0	2/1/99
X2755 DS1A-B5-R1	2755-DS1A, 2755-NB1, 2755-NB0, 2755-NR1	2/1/99
X2755 DS1A-B6	2755-DS1A, 2755-NB1, 2 of 2755-NB0	2/1/99
X2755 DS1A-B6-R1	2755-DS1A, 2755-NB1, 2 of 2755-NB0, 2755-NR1	2/1/99
X2755 DS1A-B7	2755-DS1A, 2755-NB1, 2801-JID, 2810-JOD, 2 of 2755-NB0	2/1/99
X2755 DS1A-B7-R1	2755-DS1A, 2755-NB1, 2801-JID, 2810-JOD, 2 of 2755-NB0, 2755-NR1	2/1/99
X2755 DS1A-R1	2755-DS1A, 2755-NR1	2/1/99
X2755 DS1A-2-B1-R1	2755-DS1A, 77121-801-03, 2755-NB1, 2755-NR1	2/1/99
X2755 DS1A-2-B2-R1	2755-DS1A, 77121-801-03, 2755-NB1, 2801-JID, 2810-JOD, 2755-NR1	2/1/99
X2755 DS1P-B1	2755-DS1P, 2755-NB1	2/1/99
X2755 DS1P-B1-R1	2755-DS1P, 2755-NB1, 2755-NR1	2/1/99
X2755 DS1P-B2-R1	2755-DS1P, 2755-NB1, 2801-JID, 2810-JOD, 2755-NR1	2/1/99
X2755 DS1P-B7-R1	2755-DS1P, 2755-NB1, 2801-JID, 2810-JOD, 2 of 2755-NB0, 2755-NR1	2/1/99
X2755 DS1P-2-B2-R1	2755-DS1P, 77121-801-03, 2755-NB1, 2801-JID, 2810-JOD, 2755-NR1	2/1/99
X2755 DS4A-0	2755-DS4A	2/1/99
X2755 DS4A-0-R1	2755-DS4A, 2755-NR1	2/1/99
X2755 DS4A-3	2755-DS4A, 77121-801-05	2/1/99
X2755 DS4A-3-B1	2755-DS4A, 77121-801-05, 2755-NB1	2/1/99
X2755 DS4A-3-R1	2755-DS4A, 77121-801-05, 2755-NR1	2/1/99
X2755 DS4A-B1	2755-DS4A, 2755-NB1	2/1/99
X2755 DS4A-B1-R1	2755-DS4A, 2755-NB1, 2755-NR1	2/1/99

7.8. 2755 DS Enhanced Decoders Continued

Enhanced Decoders	Replacement Products	D/R Date
X2755 DS4A-B2	2755-DS4A, 2755-NB1, 2801-JID, 2810-JOD	2/1/99
X2755 DS4A-B2-R1	2755-DS4A, 2755-NB1, 2801-JID, 2810-JOD, 2755-NR1	2/1/99
X2755 DS4A-B5-R1	2755-DS4A, 2755-NB1, 2755-NB0, 2755-NR1	2/1/99
X2755 DS4A-B6	2755-DS4A, 2755-NB1, 2 of 2755-NB0	2/1/99
X2755 DS4A-B6-R1	2755-DS4A, 2755-NB1, 2 of 2755-NB0, 2755-NR1	2/1/99
X2755 DS4A-B7-R1	2755-DS4A, 2755-NB1, 2801-JID, 2810-JOD, 2 of 2755-NB0, 2755-NR1	2/1/99
X2755 DS4A-R1	2755-DS4A, 2755-NR1	2/1/99
X2755 DS4A-0-B2-R1	2755-DS4A, 2755-NB1, 2801-JID, 2810-JOD, 2755-NR1	2/1/99
X2755 DS4A-3-B7-R1	2755-DS4A, 77121-801-05, 2755-NB1, 2801-JID, 2810-JOD, 2 of 2755-NB0, 2755-NR1	2/1/99

*WRC (Western Reserve Control) can be contacted at 330-762-1611

Any other Enhanced Decoder configured order will be changed by Order Services to a components order after consulting the customer.

7.9. 2755 LD4 Scanners

Scanners	Replacement Products	D/R Date
X2755 LD4A1	2755-SN3, Note that a separate decoder is not needed when using the 2755-SN3.	9/30/00
X2755 LD4A4	2755-SN3, Note that a separate decoder is not needed when using the 2755-SN3.	9/30/00
X2755 LD4B1	2755-SN3, Note that a separate decoder is not needed when using the 2755-SN3.	9/30/00
X2755 LD4B4	2755-SN3, Note that a separate decoder is not needed when using the 2755-SN3.	9/30/00
X2755 LD4C1	2755-SN3, Note that a separate decoder is not needed when using the 2755-SN3.	9/30/00
X2755 LD4C4	2755-SN3, Note that a separate decoder is not needed when using the 2755-SN3.	9/30/00
X2755 LD4E1	2755-SN3, Note that a separate decoder is not needed when using the 2755-SN3.	9/30/00
X2755 LD4E4	2755-SN3, Note that a separate decoder is not needed when using the 2755-SN3.	9/30/00

7.10. 2755 LD8 Scanners

Scanners	Replacement Products	D/R Date
X2755 LD8A1	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN8.	2/1/99
X2755 LD8A4	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN8.	2/1/99
X2755 LD8B1	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN8.	2/1/99
X2755 LD8B4	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN8.	2/1/99
X2755 LD8C1	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN8.	2/1/99
X2755 LD8C4	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN8.	2/1/99
X2755 LD8S1X1	2755-SN5, Note that a separate decoder is not needed when using the 2755-SN8.	3/15/99

8. Appendix B

8.1. Linx Data Terminals, Inc.

625 Digital Drive
Suite 100
Plano, TX 75075

Attn.: Nina Mentch
Fax: (972) 964-7643
Phone: (972) 964-7090

<http://www.linxdata.com>

8.1.1. Attended Workstations

Allen-Bradley Part Number	Description	Linx Part Number
2708-DH5B2L	Workstation, 96K Memory, RS-232, Backlit Display	2708-DH5B2L
2708-DH5B4L	Workstation, 96K Memory, RS-422, Backlit Display	2708-DH5B4L
2708-NP1	Power Supply, USA	2708-NP1
2708-NP2	Power Supply, European	2708-NP2
2708-NNC	Network Connector	2708-NNC
2708-NAG	Software Application Generator	2708-NAG
2708-NNM	Software Network Manager	2708-NNM
2708-NBD	Software Basic Development Kit	2708-NBD

8.2. Hewlett-Packard

Hewlett-Packard parts are available through Avnet, Arrow and other H-P Distributors.

Attn.: Warren Miedema.

Phone: 800-477-6111, ext. 2304

8.2.1. Wands and Slot Scanners

Allen-Bradley Part Number	Description	H-P Part Number
2755-W1	Wand – Visible Light Source, (High Density Bar Codes)	QBCS-6397
2755-W2	Wand – Visible Light Source, (Low Density Bar Codes)	QBCS-6197
2755-W5	Wand – Infrared Light Source, (High Density Bar Codes)	QBCS-6597
2755-WS	Stand for Holding Wand when not in use.	N/A
2755-WT1	Replacement Wand Tip for Catalog Numbers 2755-W1, W2, W5	HBCS-4999
2755-B1	Slot Scanner - Visible Red Light Source, (High Density Bar Codes)	QBCS-7097
2755-B2	Slot Scanner - Infrared (880 nm) Light Source	QBCS-7198
2755-NC14	Mounting Bracket for Slot Scanner	N/A

8.3. **MicroScan Systems Incorporated**

1201 SW 7th Street

Attn.: Mark Bath, ext. 1129

<http://www.microscan.com>

Renton, Washington
98055-1213

Fax: (425) 226-8250

Phone: (800) 251-7711

mbath@microscan.com

8.3.1. Atomscan Bar Code Readers

Allen-Bradley Part Number	Description	Microscan Part Number
2755-L6SA	Bar Code Scanner – Linear, High Density	FIS-0510-0155
2755-L6RA	Bar Code Scanner – Raster, High Density	FIS-0510-0156
2755-L6SB	Bar Code Scanner – Linear, Medium to Low Density	FIS-0510-0157
2755-L6RB	Bar Code Scanner – Raster, Medium to Low Density	FIS-0510-0158
2755-NM7	Mounting Plate	FIS-0001-0105
2755-CS10	Scanner Cable – 10 Feet	FIS-0001-0108
2755-CS15	Scanner Cable – 15 Feet	FIS-0001-0107
2755-NC18	Adapter Module used to connect AtomScan to the Enhanced Decoder	FIS-0001-0106
W77125-894-01	Replacement Window Kit for SA, RA, SB, and RB	98-100011-01

8.3.2. Atomscan+ Bar Code Readers

Allen-Bradley Part Number	Description	Microscan Part Number
2755-LS7-SA	Bar Code Reader – Linear, High Density, Straight Ahead Read	FIS-0710-0132
2755-LS7-RA	Bar Code Reader – Raster, High Density, Straight Ahead Read	FIS-0710-0131
2755-LS7-SB	Bar Code Reader – Linear, Medium to Low Density, Straight Ahead Read	FIS-0710-0129
2755-LS7-RB	Bar Code Reader – Raster, Medium to Low Density, Straight Ahead Read	FIS-0710-0130
2755-LS7-SBV	Bar Code Reader – Linear, Medium to Low Density, Right Angle Read	FIS-0710-0133
2755-LS7-RBV	Bar Code Reader – Raster, Medium to Low Density, Right Angle Read	FIS-0710-0134
2755-LS7-IB1	Interface Box with RS-232 and RS-485 Communication	FIS-0001-0020
2755-LS7-IB2	Interface Box with RS-232 and RS-422 Communication	FIS-0001-0021
2755-LS7-PW1	Power Supply – 100 – 240 VAC input	FIS-0001-0023
2755-LS7-N1	Mounting Plate	FIS-0001-0022
W77125-894-01	Replacement Window Kit for SA, RA, SB, and RB	98-100012-01
W77125-892-01	Replacement Window Kit for SBV, and RBV	98-100013-01

8.4. Metrologic Instruments, Inc.

90 Coles Road
 Blackwood, NJ
 08012

Attn.: Mon Dorris
 Fax: (609) 228-0653
 Phone: (609) 374-5528

8.4.1. StrataScan Omni-Directional Bar Code Readers

Allen-Bradley Part Number	Description	Metrologic Part Number
2755-LHR-5B	Bar Code Reader – 5,250 Scans per Second, Medium Density, Five Laser	IS8305-1L
2755-LHR-5C	Bar Code Reader – 5,600 Scans per Second, Medium to Low Density, Five Laser	IS8505-1L
2755-LHR-5BX1	Bar Code Reader – 7,350 Scans per Second, Medium Density, Five Laser	IS8531-1L
2755-LHR-3C	Bar Code Reader – 3,360 Scans per Second, Medium to Low Density, Three Laser	IS8405-1L
2755-LHB-1	Interface Box for I/O and External Trigger	MX001
2755-LHB-2	Intelligent Multiplexer Interface Box	MI8004
2755-LHC-11	Configuration Cable	52722
2755-LHC-12	Unterminated Cable for Host Communications	52723
2755-LHC-1	Master Reader to Slave Reader Cable	52720
2755-LHC-2	Reader to I/O Interface Box Cable	52721
2755-LHC-3	Master Reader to Slave Reader and I/O Interface Box Cable	52724
2755-LHS-1	StrataScan Configuration Software - DOS-based Package	Included w/ Reader
W77126-899-01	2755-LHR-5B Replacement Top Cover/Window	45524
W77126-899-02	2755-LHR-3C/5C/5BX1 Replacement Top Cover/Window	45523
W77126-898-01	2755-LHR-5B Replacement Mounting Bracket	45615
W77126-898-02	2755-LHR-3C/5C/5BX1 Replacement Mounting Bracket	45616
W77126-898-03	Replacement Power Supply	45947 - 120V 45946 - 220V 45949 - 240V

8.5. Datalogic, Inc.

Airport Business Center Attn.: Darrell Owen (Engineering Manager)
3000 Earhart Court, St., 135 Fax: (606) 334-4970 or (800) 849-5357
Boone County, Hebron, KY Phone: (606) 689-7000
41048

8.5.1. ReadiScan Bar Code Readers

Allen-Bradley Part Number	Description	Datalogic Part Number
2755-LR3-S1BT3	Bar Code Reader – Linear, Standard Res., RS-232/RS-232 Interface, 350 Scans per Sec.	DS2100-1000
2755-LR3-R1BT3	Bar Code Reader – Raster, Standard Res., RS-232/RS-232 Interface, 350 Scans per Sec.	DS2100-1010
2755-LR3-S1BT6	Bar Code Reader – Linear, Standard Res., RS-232/RS-232 Interface, 600 Scans per Sec.	DS2100-1002
2755-LR3-R1BT6	Bar Code Reader – Raster, Standard Res., RS-232/RS-232 Interface, 600 Scans per Sec.	DS2100-1012
2755-LR3-S1BM3	Bar Code Reader – Linear, Standard Res., RS-485/RS-232 Interface, 350 Scans per Sec.	DS2100-1100
2755-LR3-R1BM3	Bar Code Reader – Raster, Standard Res., RS-485/RS-232 Interface, 350 Scans per Sec.	DS2100-1110
2755-LR3-S1BM6	Bar Code Reader – Linear, Standard Res., RS-485/RS-232 Interface, 600 Scans per Sec.	DS2100-1102
2755-LR3-R1BM6	Bar Code Reader – Raster, Standard Res., RS-485/RS-232 Interface, 600 Scans per Sec.	DS2100-1112
2755-LR3-S1BR3	Bar Code Reader – Linear, Standard Res., RS-232 Interface, 350 Scans per Sec.	DS2100-1300
2755-LR3-R1BR3	Bar Code Reader – Raster, Standard Res., RS-232 Interface, 350 Scans per Sec.	DS2100-1310
2755-LR3-S1AM6	Bar Code Reader – Linear, High Res., RS-485/RS-232 Interface, 600 Scans per Sec.	DS2100-2102
2755-LR3-R1AM6	Bar Code Reader – Raster, High Res., RS-485/RS-232 Interface, 600 Scans per Sec.	DS2100-2112
2755-LR3-NRM	Right Angle Mirror Accessory	GFC-2100
2755-FRSW	Configuration Software	Included w/Reader

8.5.2. FlexiScan Bar Code Readers

Allen-Bradley Part Number	Description	Datalogic Part Number
2755-LR5- S1BD8	Bar Code Reader – Linear, Standard Resolution, D-shell Interface	DS41-60
2755-LR5- S1BJ8	Bar Code Reader – Linear, Standard Resolution, Junction Box Interface	DS41-61
2755-LR5- R1BD8	Bar Code Reader – 0.8 In High Raster, Standard Resolution, D-shell Interface	DS41-80
2755-LR5- R1BJ8	Bar Code Reader – 0.8 In High Raster, Standard Res., Junction Box Interface	DS41-81
2755-LR5- R2BD8	Bar Code Reader – 2.0 In High Raster, Standard Resolution, D-shell Interface	DS41-90
2755-LR5- R2BJ8	Bar Code Reader – 2.0 In High Raster, Standard Res., Junction Box Interface	DS41-91
2755-LR5- S1AD8	Bar Code Reader – Linear, High Resolution, D-shell Interface	DS41-70
2755-LR5- S1AJ8	Bar Code Reader – Linear, High Resolution, Junction Box Interface	DS41-71
2755-LR5-NRM	Right Angle Mirror	GFC-41
2755-FRSW	Configuration Software	Included w/Reader
77126-897-01	Replacement Junction Box	

8.6. Escort Memory Systems

3 Victor Square
Scotts Valley, CA
95066

Attn.: Stephen Crocker
Fax: (408) 438-5768
Phone: (800) 626-3993 Ext. 222

8.6.1. IntelliTrak RFID System

Allen-Bradley Part Number	Description	Escort Memory Systems Part No.
Tags		
2750-AT-S00	Active R/W Tag, Standard Range, 64 Byte	HS200R
2750-AT-S08	Active R/W Tag, Standard Range, 8K Byte	HS208R
2750-AT-S32	Active R/W Tag, Standard Range, 32K Byte	HS232R
2750-AT-L08	Active R/W Tag, Long Range, 8K Byte	HS208LR
2750-AT-L32	Active R/W Tag, Long Range, 32K Byte	HS232LR
2750-AN-1	5 Pack of Battery Cap with O-Ring for 2750-AT Tags	00-1036
Antennas		
2750-AA-STM	R/W Antenna, Std. Range, Top Emitting, Metal Connector	HS500A
2750-AA-SFM	R/W Antenna, Std. Range, Face Emitting, Metal Connector	HS501A
2750-AA-STP	R/W Antenna, Std. Range, Top Emitting, Plastic Connector	HS500
2750-AA-SFP	R/W Antenna, Std. Range, Face Emitting, Plastic Connector	HS501
2750-AA-LTP	R/W Antenna, Long Range, Top Emitting, Plastic Connector	HS510
2750-AA-WFM	R/W Antenna, Wide Field, Face Emitting, Metal Connector	HS550A
2750-AH-PTD	R/W Antenna, Portable, Top Emitting, Serial RS-232	HS814
European CE Marked Tags		
2750-ET-S00	CE Active R/W Tag, Standard Range, 64 Byte	HL200R
2750-ET-S08	CE Active R/W Tag, Standard Range, 8K Byte	HL208R
2750-ET-X08	CE Active Extended Life R/W Tag, Standard Range, 8K Byte	HL208XL
2750-ET-S32	CE Active R/W Tag, Standard Range, 32K Byte	HL232R
European CE Marked Antennas		
2750-EA-STM	CE R/W Antenna, Std. Range, Top Emitting, Metal Conn.	HL500A
2750-EA-SFM	CE R/W Antenna, Std. Range, Face Emitting, Metal Conn.	HL501A
2750-EH-PTD	CE R/W Antenna, Portable, Top Emitting, Serial RS-232	HL816
Cables & Connectors		
2750-AC-PS25	Cable, 25 ft (10.7 m) - for 2750-AA Antennas, Plastic Straight Connector End	N/A
2750-AC-PS75	Cable, 75 ft (22.9 m) - for 2750-AA Antennas, Plastic Straight Connector End	N/A
2750-AC-MS25	Cable, 25 ft (10.7 m) - for 2750-AA Antennas, Metal Straight Connector End	N/A
2750-AC-MS75	Cable, 75 ft (22.9 m) - for 2750-AA Antennas, Metal Straight Connector End	N/A
2750-AC-MR25	Cable, 25 ft (10.7 m) - for 2750-AA Antennas, Metal Rt Angle Connector End	N/A
2750-AC-MR75	Cable, 75 ft (22.9 m) - for 2750-AA Antennas, Metal Rt Angle Connector End	N/A
2750-AC-MS01	6-Pin Straight Metal Mating Connector Kit - for 2750-AA-SxM, -WFM	46-1291
2750-AC-MR01	6-Pin Right Angle Metal Mating Connector Kit - for 2750-AA-SxM, -WFM	46-1292
2750-AC-PS01	8-Pin Plastic Mating Connector Kit - for 2750-AA-SxP, -LTP	10-7026
Interfaces		
2760-FF-1	Serial Interface for SLC 500 - 2 Antenna Ports, 2 Serial Ports	CM-1746
2760-FF-2	MUX32 Interface Module	MM-10

9. Question & Answer

9.1. Will the RFID products be sold to new customers?

No. RFID products are to be sold to existing customers for use in existing applications only!

9.2. Is there a way to “protect” certain products and volumes for Customers?

Some customers have their own catalog number in both the rectangular tag and the round tag. Other customers can order them but are not expected to do so. Antennas have general catalog numbers, and no special allocations are being set aside.

9.3. How have last time build quantities for RFID products been determined?

Historical usage was carried forward with a 10% reduction in volume per year for nine years by tag and antenna catalog number. Based on customer conversations 40% will move to the round tag.

9.4. Do any of the RFID products or sub-components have a shelf life problem?

No. There are no adverse effects from storage under specified environmental conditions.

9.5. Is the entire 2750 product line available or only antennas and tags?

The entire product line is available for sale. Many of the lower volume catalog items have small build quantities associated with them, and inventory may be depleted if something unexpected occurs.

9.6. Which customers have large installed bases of RFID products today?

Ford, GM, Toyota, Nissan, Hyundai, AutoVaz, AutoLatina, and Suzuki.

9.7. Why does the RFID product availability only extend to 09/30/2003 and not 09/30/2007?

Product will be available for billable and warranty repair from September 30,2003 through September 30 2007. Customers should have their plans fully implemented for moving to a new technology or product by this time.

9.8. Who is the EMS rep in Detroit? Is he/she aware of the issues?

Generally speaking, EMS is aware of the issues in Detroit related to RFID. Contact Tim Eisler at (248) 244-9797.

9.9. Are we telling customers to migrate to another technology in the next five years?

Yes, we want them to begin working with EMS or another supplier as soon as possible. EMS's current high temperature product needs to be qualified and is not a drop in replacement.

9.10. What happens if we find a manufacturing or material defect in our stockpile or product?

Product will be fully tested during the build out. Sufficient safety stock will be included in the build quantities.

9.11. How will we supply warranty replacements in the last years of availability?

PSR warranty repair/replacement will be available through GTS.

9.12. Will both old and new tag production be cut off in 1999?

As soon as we have completed our build quantity, we will shut down manufacturing. Our current estimate is that this will happen late FY2000. Yes, both tags will be cut off.

9.13. How do we handle brand label repairs?

Rockwell Automation Allen-Bradley will handle PSR returns until product warranty expires. After that, all billable repairs are to go directly to the original equipment manufacturer.

9.14. How do we handle repair support for AdaptaScan?

For repairs through 09/30/99, contact GTS. For repairs after 10/01/99, contact Accu-Sort.

9.15. Are there any enhanced decoder specials available?

No. All enhanced decoder specials have been obsoleted. Customers should be notified. A migration path to replacement products, either AdaptaScan or Encompass partnered products must be developed.

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Wherever you need us, Rockwell Automation brings together leading brands in industrial automation including Allen-Bradley controls, Reliance Electric power transmission products, Dodge mechanical power transmission components, and Rockwell Software. Rockwell Automation's unique, flexible approach to helping customers achieve a competitive advantage is supported by thousands of authorized partners, distributors and system integrators around the world.

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