

**AMENDMENT TO AGREEMENT
CITY OF LINCOLN
RFP FOR EMS INVENTORY MANAGEMENT SOLUTION
BID NO: 10-119
LAST 4-YEAR RENEWAL**

This Amendment is hereby entered into on this 1 day of July, 2014 by and between **EMS Technology Solutions, LLC, 3760 Tramore Pointe Parkway SW, Austell, GA 30106** (hereinafter "Contractor") and **City of Lincoln** (hereinafter "City"), for the purpose of amending an Agreement dated **August 2, 2010**, under **Resolution No. A-85948**, (the "Agreement"), for **RFP for EMS Inventory Management Solution, Bid No. 10-119**, which is made a part hereof by this reference.

WHEREAS, the original term of the Agreement is **August 2, 2010 through August 1, 2014**, with the option to renew for one (1) additional **four (4) year term** upon written mutual consent of both parties; and

WHEREAS, the parties wish to renew the agreement for an additional four (4) year term beginning **August 2, 2014 through August 1, 2018**; and

WHEREAS, the estimated expenditures for City Departments for the term of this renewal shall not exceed **\$40,400.00** without prior approval by the City of Lincoln.

NOW, THEREFORE, IN CONSIDERATION of the mutual covenants stated herein the parties agree as follows:

- 1) The term of the Agreement shall be from **August 2, 2014 through August 1, 2018**.
- 2) The estimated expenditures for City Departments for the term of this renewal shall not exceed **\$40,400.00** without prior approval by the City of Lincoln.
- 3) All other terms of the Agreement, not in conflict with this Amendment, shall remain in full force and effect.

The Parties do hereby agree to all the terms and conditions of this Amendment. This Amendment shall be binding upon the parties, their heirs, administrators, executors, legal and personal representatives, successors, and assigns.

IN WITNESS WHEREOF, the Parties do hereby execute this Amendment.

Official City Use Only

Dated this <u>14</u> day
of <u>July</u> 2014

_____ Fire Chief

Supplier, please fill in the date and following information and mail back to our office; a faxed copy is not acceptable.

Company Name: (Please Print)	EMS TECHNOLOGY SOLUTIONS
By: (Please Sign)	
By: (Please Print)	PRESIDENT / COO
Title: (Please Print)	EJ AUFDERHEIDE
Company Address: (Please Print)	3760 TRAMORE POINTE PKWY
Company Phone & Fax: (Please Print)	ADSTEN, GA 30106 (404) 423-2541
E-Mail Address: (Please Print)	ACCOUNTING @ OPERATIVE IQ.COM
Date: (Please Print)	7/1/2014
Contact Person For: "Orders or Service" (Please Print)	EJ AUFDERHEIDE
Phone Number: (Please Print)	404-423-2541

CONTRACT DOCUMENTS

***City of Lincoln
Nebraska***

**RFP for
EMS Inventory Management Solution
Bid No. 10-119**

**EMS Technology Solutions, LLC
3760 Tramore Pointe Parkway SW
Austell, GA 30106
404.423.2541**

City of Lincoln, Nebraska Contract Agreement

THIS CONTRACT, made and entered into this _____ day of _____ 2010, by and between EMS Technology Solutions, LLC, 3769 Tramore Pointe Parkway SW, Austell, GA 30106, hereinafter called Contractor, and the City of Lincoln, Nebraska, a municipal corporation, hereinafter called the City.

WHEREAS, the City has caused to be prepared, in accordance with law, Specifications, Plans, and other Contract Documents for the Work herein described, and has approved and adopted said documents and has caused to be published an advertisement for and in connection with said Work, to-wit:

RFP for EMS Inventory Management Solution, Bid No. 10-119

and,

WHEREAS, the Contractor, in response to such advertisement, has submitted to the City, in the manner and at the time specified, a sealed Proposal/Supplier Response in accordance with the terms of said advertisement; and,

WHEREAS, the City, in the manner prescribed by law has publicly opened, read aloud, examined, and canvassed the Proposals/Supplier Responses submitted in response to such advertisement, and as a result of such canvass has determined and declared the Contractor to be the lowest responsible bidder for the said Work for the sum or sums named in the Contractor's Proposal/Supplier Response, a copy thereof being attached to and made a part of this Contract;

NOW, THEREFORE, in consideration of the sums to be paid to the Contractor and the mutual covenants herein contained, the Contractor and the City have agreed and hereby agree as follows:

1. The Contractor agrees to (a) furnish all tools, equipment, supplies, superintendence, transportation, and other accessories, services, and facilities; (b) furnish all materials, supplies, and equipment specified to be incorporated into and form a permanent part of the complete work; (c) provide and perform all necessary labor in a substantial and workmanlike manner and in accordance with the provisions of the Contract Documents; and (d) execute and complete all Work included in and covered by the City's award of this Contract to the Contractor, such award being based on the acceptance by the City of the Contractor's Proposal, or part thereof, as follows:

Agreement to full proposal

2. The City agrees to pay to the Contractor for the performance of the Work embraced in this Contract, the Contractor agrees to accept as full compensation therefore, the following sums and prices for all Work covered by and included in the Contract award and designated above, payment thereof to be made in the manner provided by the City:

The City will pay for products/services, according to the Line Item pricing as listed in Contractors Proposal/Supplier Response, a copy thereof being attached to and made a part of this Contract for a total of \$5,854.70.

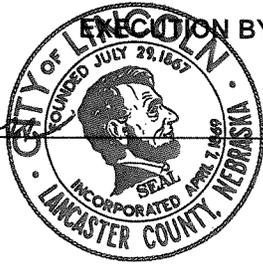
3. **EQUAL EMPLOYMENT OPPORTUNITY:** In connection with the carrying out of this project, the Contractor shall not discriminate against any employee, applicant for employment, or any other person because of race, color, religion, sex, national origin, ancestry, disability, age or marital status. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, national origin, ancestry, disability, age or marital status. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other compensation; and selection for training, including apprenticeship.

4. E-VERIFY: In accordance with Neb. Rev. Stat. 4-108 through 4-114, the contractor agrees to register with and use a federal immigration verification system, to determine the work eligibility status of new employees performing services within the state of Nebraska. A federal immigration verification system means the electronic verification of the work authorization program of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996, 8 U.S.C. 1324 a, otherwise known as the E-Verify Program, or an equivalent federal program designated by the United States Department of Homeland Security or other federal agency authorized to verify the work eligibility status of a newly hired employee pursuant to the Immigration Reform and Control Act of 1986. The Contractor shall not discriminate against any employee or applicant for employment to be employed in the performance of this section pursuant to the requirements of state law and 8 U.S.C.A 1324b. The contractor shall require any subcontractor to comply with the provisions of this section.
5. TERMINATION: This Contract may be terminated by the following:
 - a) Termination for Cause. The City may terminate the Contract for cause if the Contractor:
 - 1) Refuses or fails to supply the proper labor, materials and equipment necessary for services and/or commodities.
 - 2) Disregards Federal, State or local laws, ordinances, regulations, resolutions or orders.
 - 3) Otherwise commits a substantial breach or default of any provision of the Contract Document. In the event of a substantial breach or default the City will provide the Contractor written notice of said breach or default and allow the Contractor ten (10) days from the date of the written notice to cure such breach or default. If said breach or default is not cured within ten (10) days from the date of notice, then the contract shall terminate.
6. INDEPENDENT CONTRACTOR: It is the express intent of the parties that this contract shall not create an employer-employee relationship. Employees of the Contractor shall not be deemed to be employees of the City and employees of the City shall not be deemed to be employees of the Contractor. The Contractor and the City shall be responsible to their respective employees for all salary and benefits. Neither the Contractor's employees nor the City's employees shall be entitled to any salary, wages, or benefits from the other party, including but not limited to overtime, vacation, retirement benefits, workers' compensation, sick leave or injury leave. Contractor shall also be responsible for maintaining workers' compensation insurance, unemployment insurance for its employees, and for payment of all federal, state, local and any other payroll taxes with respect to its employees' compensation.
7. CONTRACT TERM: This Contract shall be effective upon execution by both parties. The term of the Contract shall be a four (4) year term with the option for one (1) additional four (4) year renewal.
8. The Contract Documents comprise the Contract, and consist of the following:
 1. Instructions to Bidders
 2. Accepted Proposal
 3. Contract Agreements
 4. Specifications
 5. Addendums 1, 2, & 3
 6. Sales Tax Exemption Form 13

These Contract Agreements, together with the other Contract Documents herein above mentioned, form this Contract, and they are as fully a part of the Contract as if hereto attached or herein repeated.

The Contractor and the City hereby agree that all the terms and conditions of this Contract shall by these presents be binding upon themselves, and their heirs, administrators, executors, legal and personal representatives, successors, and assigns.

IN WITNESS WHEREOF, the Contractor and the City do hereby execute this contract.



ATTEST:

City Clerk

Jane E. Ratz

EXECUTION BY THE CITY OF LINCOLN, NEBRASKA

CITY OF LINCOLN, NEBRASKA

Mayor

[Signature]

Approved by:

Resolution No.

A-85948

Dated

8-2-2010

EXECUTION BY CONTRACTOR

IF A CORPORATION:

ATTEST:

Secretary

(SEAL)

Name of Corporation

Address

By:

Duly Authorized Official

Legal Title of Official

IF OTHER TYPE OF ORGANIZATION:

EMS TECHNOLOGY SOLUTIONS, LLC

Name of Organization

LLC

Type of Organization

3760 TRAMORE POINTE PKWY, AUSTIN TX 78706

Address

By:

Member

By:

Member

Edward H. Aufderheide Jr

IF AN INDIVIDUAL:

Name

Address

Signature

City of Lincoln/Lancaster County (Lincoln Purchasing) Supplier Response

Bid Information		Contact Information		Ship to Information
Bid Creator	Robert Walla Asst. Purchasing Agent	Address	Purchasing 440 S. 8th St. Lincoln, NE 68516	Address
Email	rwalla@lincoln.ne.gov	Contact	Robert Walla Asst. Purchasing Agent	Contact
Phone	1 (402) 441-8309			Department
Fax	1 (402) 441-6513			Building
Bid Number	10-119 Addendum 3	Department		Floor/Room
Title	EMS Inventory Management Solution - RFP	Building	Suite 200	Telephone
Bid Type	RFP	Floor/Room		Fax
Issue Date	06/07/2010	Telephone	1 (402) 441-8309	Email
Close Date	6/17/2010 12:00:00 PM CST	Fax	1 (402) 441-6513	
Need by Date		Email	rwalla@lincoln.ne.gov	

Supplier Information

Company EMS Technology Solutions, LLC
 Address 3760 Tramore Pointe Parkway SW
 Austell, GA 30106
 Contact EJ Aufderheide
 Department
 Building
 Floor/Room
 Telephone 1 (404) 423-2541
 Fax 1 (404) 424 9401
 Email ej@ambutrak.com
 Submitted 6/16/2010 3:09:57 PM CST
 Total \$5,854.70

Signature _____

Supplier Notes

EMS Technology Solutions, LLC is the provider of Ambutrak Inventory Management Software designed for EMS Agencies and Fire Departments. More information is available at www.ambutrak.com.

Bid Notes

Bid Messages

Please review the following and respond where necessary

#	Name	Note	Response
1	Sample Contract	I acknowledge reading and understanding the sample contract.	Yes

2	Specifications	I acknowledge reading and understanding the specifications.	Yes
3	Electronic Signature	Please check here for your electronic signature.	Yes
4	Instructions to Proposers	I acknowledge reading and understanding the Instructions to Proposers.	Yes
5	Contact	Name of person submitting this bid:	Lisa Rainey 770-262-5205
6	Attached Proposal Information	I have attached the required information as outlined in the specifications in the Response Attachment section of my ebid response.	Yes
7	Agreement to Addendum No. 1	Respondent hereby certifies that the change set forth in this addendum has been incorporated in their proposal and is part of their bid. Reason: See Bid Attachments section for Addendum information.	Yes
8	Agreement to Addendum No. 2	Respondent hereby certifies that the change set forth in this addendum has been incorporated in their proposal and is part of their bid. Reason: See Bid Attachments section for Addendum information.	Yes
9	Agreement to Addendum No. 3	Respondent hereby certifies that the change set forth in this addendum has been incorporated in their proposal and is part of their bid. Reason: See Bid Attachments section for Addendum information.	Yes

Line Items

#	Qty	UOM	Description	Response
1	1	Lump Sum	Software Setup and Training	\$1,500.00
Item Notes:				
Supplier Notes: Training and Setup is conducted via online Go To Meetings. Onsite Training and Consulting is available for an additional cost of \$900/day upon request.				
2	24	EA	Monthly Software License Fee 24 Licenses	\$27.00
Item Notes: The City of Lincoln reserves the right to add or remove licenses as needed through the term of the contract.				
Supplier Notes: Rate: \$27/license/month or \$648 Monthly for 24 licenses.				
3	1	EA	Mobile PC Scanners	\$2,475.00
Item Notes: You must provide the brand and model of unit being proposed.				
Supplier Notes: Psion Teklogic WorkAbout Pro G2. Includes Scanner, Charging Cradle, Extra Battery and 3 Year Manufacturer Comprehensive Warranty. Includes support software that allows Ambutrak to remote control device for support and training.				
4	1	EA	USB Scanners	\$175.00
Item Notes: You must provide the brand and model of unit being proposed.				
Supplier Notes: Datalogic QD2130 Scanner with Stand				
5	1	EA	Bluetooth Scanners	\$450.00
Item Notes: You must provide the brand and model of unit being proposed.				
Supplier Notes: Datalogic Gryphon BT4130 Scanner with Cradle				
6	1	EA	USB Barcode Printer	\$525.00
Item Notes: You must provide the brand and model of unit being proposed.				
Supplier Notes: Cognitive DLX 4" Thermal Transfer Barcode Printer. Prints directly from Ambutrak Software using the Generic/Text Windows driver. No additional software required.				
7	5	M	USB Barcode Labels - 1"x3" ONLY BID PER 1000 LABELS!	\$16.34
Item Notes: You must provide the brand and type of labels being proposed.				
Supplier Notes: Each Kit includes 1,775 labels and thermal transfer ribbon. Each kit costs \$29.00 and is available in 1x3 paper labels, 2x1 vinyl labels or 4x4 paper labels. 3 Kits are required to meet your request (5,325 labels), extended price \$87.00.				

Response Total: \$5,854.70

SPECIFICATIONS
EMS INVENTORY MANAGEMENT SYSTEM
REQUEST FOR PROPOSALS

1. SUPPLEMENTAL INSTRUCTIONS TO BIDDERS

- 1.1 It is the intent of this specification to describe the minimum acceptable requirements for an Inventory Management System and related hardware for the City of Lincoln Fire Department.
- 1.2 Proposals shall include the entire cost for a turnkey system including any software, web based programming, training, scanners, printers and other items necessary to operate the system.
- 1.3 Proposers shall submit documents and all supporting material via e-bid.
- 1.4 All inquiries regarding these specifications shall be directed via e-mail or faxed request to Bob Walla, Asst. Purchasing Agent (rwalla@lincoln.ne.gov) Or Fax:(402)441-6513.
 - 1.4.1 These inquiries and/or responses shall be distributed as needed to prospective bidders electronically as an addenda.
- 1.5 This is a Request For Proposals which means that the system/s being proposed will be evaluated for ease of use, security, training provided and references from other EMS units using the system being proposed.
 - 1.5.1 Monthly pricing for each license and hardware required will be considered in addition to the functionality of the system.
 - 1.5.2 This process does not guarantee that the lowest bidder will receive the contract for services.
- 1.6 The City shall enter into a four (4) year contract with the option for one (1) additional four (4) year renewal to the company determined to be the most responsive, responsible bidder meeting the requirements of these specifications.

2. INVENTORY SYSTEM SPECIFICATIONS

- 2.1 The City of Lincoln is requesting an Inventory Management System capable of performing the following Applications:
 - Receive Inventory
 - Receive Departmental Purchase Orders
 - Fill Unit Requests
 - Issue Inventory
 - Transfer Inventory
 - Check Out/In Fixed Assets
- 2.1.1 A preference has been established for a system that is web-based rather than a software application.
 - 2.1.1.1 EMS Technology Solutions - AMBUTRAK has been selected as the benchmark for selecting a vendor to provide this service.
- 2.2 Each Vendor shall submit specific information regarding their system in the Response Attachment section of their Ebid response for review by a select committee.
 - 2.2.1 Following review of each response, the City may request a demonstration of the system online or at the Purchasing Office in Lincoln, Nebraska.
 - 2.2.1.1 Information from the original response and the demonstration will be utilized to make an award.
- 2.3 Vendor shall provide a list of any computer requirements in the operation of their system.
- 2.4 System provided must be capable of keeping accurate inventories of medical supplies and equipment used at numerous locations by a number of staff.
- 2.5 System must have security measures built-in to inhibit the theft of medical supplies and equipment or information to the general public which would result in theft of medical products or sensitive information.
 - 2.5.1 Vendor shall provide a list of security measures with your response.

- 2.6 Awarded Vendor will be responsible for all updates, training and maintenance to keep the system operating as proposed for the term of the contract.
 - 2.6.1 Updates and maintenance may be performed online or in person.
 - 2.6.2 A minimum of 4 hours training shall be held with LFR staff on a date and time set by staff.
 - 2.6.3 You must indicate the process your company will utilize to update and maintain the system being proposed.
- 2.7 System shall be capable of generating and printing bar codes which can be attached to each item upon receipt and used to track throughout the system.
- 2.8 System shall be capable of importing and exporting data into Excel or Access programs as needed.
 - 2.8.1 Vendor shall demonstrate the import and export features of their system during the interview process.
- 2.9 If using a web-based system you must provide the Hosting Environment you will utilize throughout the term of the contract.
- 2.10 Vendor shall provide the per month pricing for the Software License Fee in the appropriate Line Item of the Ebid response.
 - 2.10.1 The current estimate calls for 24 licenses in the initial purchase.

3. IMPLEMENTATION PLAN AND TRAINING

- 3.1 Vendor must provide a complete transition process for the implementation of the system being proposed.
- 3.2 Vendor must provide a complete training process for the system being proposed.

4. INVENTORY HARDWARE REQUIREMENTS

- 4.1 Vendor shall provide the following hardware to interact with the Inventory Management System being proposed:
 - Mobile PC Scanner
 - USB Scanner
 - Bluetooth Scanner
 - USB Barcode Printer
 - Barcode Labels
- 4.1.1 Vendor shall provide pricing for each of these items in the Line Item section of the Ebid response.
- 4.1.2 Vendor shall indicate the warranty included with each piece of equipment being bid.
- 4.1.3 Vendor shall indicate the brand and model of products being bid in the Supplier Notes section of their Ebid response.

ADDENDUM #1

Issue Date:06/09/10

SPECIFICATION NO.10-119

FOR

EMS INVENTORY MANAGEMENT SYSTEM

Addenda are instruments issued by the City prior to the date for receipt of offers which will modify or interpret the specification document by addition, deletion, clarification or correction. Please acknowledge receipt of this addendum in the space provided in the Attribute Section.

Be advised of the following changes and clarifications to the City's specification and bidding documents:

- 1. Question:**
As stated in the documents, the system is to be used to track fixed assets as well as medical supplies. What is the percentage of fixed assets versus supplies?

Answer:

The "original intent" was to track everything (ems supplies, fixed assets etc), with the medical supplies being the first data set to be created so we can use it right away.

We don't want to add asset tracking onto a system down the road, as we are working on improving our fixed asset tracking right now in an access data base the this new program will replace. Whatever vendor submits a proposal should be able to do the same.

We have never counted items, so it is impossible to give an accurate percent breakdown of fixed assets vs. medical supplies.

End of Addendum #1

ADDENDUM #2

Issue Date:06/11/10

SPECIFICATION NO.10-119

FOR

EMS INVENTORY MANAGEMENT SYSTEM

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Be advised of the following clarifications to the City's specification and bidding documents for this proposal:

US Barcode Labels:

What size of label do you want? i.e. 4x6, 1 1/4x2 1/4, etc

A: various sizes

What is the total quantity to be purchased?

A: 5,000 initially, more as needed

What are the labels being attached to? Is it a shipping type label? Is it a label to attach to fabric? To fire extinguishers? To fire coats, hats, etc.?

A: disposable medical supplies in manufactures packaging if not already bar coded, fire station furnishings made of wood, metal, composite material, fabric and other assets of the department made of metal, wood, fabric, or other materials.

Bluetooth scanner:

What is the environment the scanner is going to be used in? example: a scanner being used in a warehouse environment needs to be more rugged and durable than a cordless scanner being used at a checkout stand in a Home Depot. We would also like to know who the personnel using it could be? Firemen on the scene, inventory management in a warehouse, office personnel scanning documents, etc?

A: to be used in fire station environment supply storage areas and office environment, by potentially all or any member of the department including office staff and/or firefighters.

USB Scanner:

Same questions are the same for the USB Scanner as they were for the Bluetooth scanner? Who is using it, what are they using it for? What environment is the product going to be used?

A: to be used in fire station environment supply storage areas and office environment, by potentially all or any member of the department including office staff and/or firefighters.

**Also How big or lengthy is the scanning distance wanted for the scanners? Is the scanning length 1 foot, 1 meter, 300 yards, etc?

A: arms length

** Does the scanner need to only scan 1D like a retail scanner that scans a linear code like a cereal box, or do you need a 2D scanner that scans information off a drivers license or scanning like UPS or FEDEX does? **This is true for both the USB scanner and the Bluetooth scanner.**

A: 1D

****What are they scanning?**

A: anything that we put a label on

Mobile PC Scanner:

Who is using it?

A: See above

What is it being used for?

A: See above

How rugged does it need to be?

A: See above

Where is the scanner going to be used? Warehouse? Fire scene? Office?

A: See above

Is the computer going to be used inside like a warehouse?

A: See above LF&R has wireless hot spots in every station/facility for web access

Is the computer going to be used outside, possibly needing to provide real time updates?

A: LF&R has wireless hot spots in every station/facility for web access

Software and Licenses:

What kind of software is wanted or needed? Windows 7?

A: windows XP compatible Must be able to upgrade to Windows 7 in the future

A mobile application to reside on the mobile PC?

A: windows XP compatible Must be able to upgrade to Windows 7 in the future

Licenses fees cannot be for mobile computers so are the licenses for 24 laptops or 24 desktops?

A: license fee is for each fire station and ambulance unit

End of Addendum #1

ADDENDUM #3

Issue Date:06/15/10

SPECIFICATION NO.10-119

FOR

EMS INVENTORY MANAGEMENT SYSTEM

Addenda are instruments issued by the City prior to the date for receipt of offers which will modify or interpret the specification document by addition, deletion, clarification or correction. Please acknowledge receipt of this addendum in the space provided in the Attribute Section.

Be advised of the following changes and clarifications to the City's specification and bidding documents:

1. Vendors shall bid a 1"x3" barcode label. Other sizes will be priced and made available by the awarded vendor as requested by LFR.

End of Addendum #1

***AMBU*TRAK**

EMS Inventory Management Solution

Statement of Work

CITY OF LINCOLN

**5435 NW 1st Street
Lincoln, NE 68521**

Presented by:

EMS Technology Solutions

June 16, 2010

3760 Tramore Pointe Parkway
Austell, Georgia 30106
877-217-3707
www.ambutrak.com

AMBUTRAK

EMS Inventory Management Solution

Executive Summary

EMS Technology Solutions, LLC is the provider of AmbuTRAK, EMS industry specific Inventory Management Software. Released in 2007, AmbuTRAK follows the Software as a Service (SaaS) model to minimize the traditional costs and risks associated with software acquisition, deployment and maintenance.

EMS Agencies, Fire Departments and Hospitals are using AmbuTRAK Inventory Management Software to centrally manage and report on the movement of supplies and assets within their organization. The improved inventory control provides them operational efficiencies, reductions in ordering costs, control of inventory expenditures, reduced inventory carrying costs and fewer vehicle and equipment service interruptions.

AmbuTRAK's first class reporting system provides both canned and custom reports. These reports can be run on a schedule and emailed directly to anyone in the organization. This great feature provides non system users with timely management reports without having to login to the AmbuTRAK software.

AmbuTRAK is hosted centrally and delivers access to multiple users over the Internet. There is no software installed on the local pc. AmbuTRAK requires you to have an Internet connection and a standard web browser, preferably Internet Explorer 7.0 or higher for best performance.

Software maintenance and updates are performed regularly during off hours with minimal to no impact on business operations. Application Data is backed up daily and is readily accessible to restore the system in the event of an emergency.

Sales and Support staff are available to assist you with application questions. There is virtually no burden on your IT Staff to run AmbuTRAK software.

For More Information Please Contact:

Lisa Rainey

EMS Technology Solutions, LLC

3760 Tramore Pointe Parkway

Austell, GA 30106

lisa@ambutrak.com

770-262-5205 (p)

404-424-9401 (f)

AMBU TRAK

EMS Inventory Management Solution

Proposed Software and Computing Environment

EMS Technology Solutions, LLC is the provider of AmbuTRAK, EMS industry specific inventory management software. Released in 2007, AmbuTRAK follows the Software as a Service (SaaS) model to minimize the traditional costs and risks associated with software acquisition, deployment and maintenance.

The AmbuTRAK Software has three distinct components:

<u>Module</u>	<u>Function</u>
Backoffice	Inventory Management and Software Administration
Crew Interface	Electronic Check Sheet for Inspections, Unit/Station Inventory, and Supply Requests
Mobile Scanner	Inventory Management Functions in a Mobile Environment

AmbuTRAK supports Manual and Barcode operations.

AmbuTRAK Software Backoffice

Crew Management

Controls access to the AmbuTRAK application via user name and password and defines the Role of each user. There are four roles a user can take in the application; user, supervisor, supply manager, and admin. Each role comes with additional access to the software's applications and reporting. Supply Managers and Supervisors can be further restricted by their assigned supply rooms.

Inventory Management

Multiple Inventory Management applications are included in the AmbuTRAK software to provide flexibility while supporting the unique needs of the EMS market. Each application provides for the ability to manual update inventory records or to scan a UPC for more accurate entry.

<u>Application</u>	<u>Description</u>
Receive Inventory	Supply Room Inventory Management Application
Receive Purchase Orders	Supply Room Inventory Management Application
Fill Unit Requests	Manages Supply Requests from Crew Interface
Issue Inventory	Allows Supplies to be provided w/out a Unit Requests
Transfer Inventory	Moves Supplies from a Unit or between Supply Rooms
Check Out/In Fixed Assets	Manages the Checkout and Return of Fixed Assets

Asset Management

Asset Manger provides records management for fixed assets. Track preventative maintenance schedules, preventative maintenance history and total cost of ownership for your assets. Documents and images can be attached and uploaded to each maintenance record, providing an electronic filing cabinet for later review.

Check Out/In assets to your crew members and vehicles to track accountability for each company asset.

AMBU TRAK

EMS Inventory Management Solution

Purchase Order Management

Generate Purchase Orders for your Supply Rooms based on supply reorder points and maximum stock levels. Email Purchase Orders directly to suppliers from AmbuTRAK. Generate a .pdf of Purchase Orders for printing or faxing. Receive inventory against purchase orders to further improve operation efficiency.

Reporting

Standard Reports are provided with the AmbuTRAK software to assist you in getting to know your supply inventory and fixed assets. Each of these reports can be further customized to meet the needs of your operation. Additional reports are easily created in the report manager. Some key features of the custom reporting include: Field Management, Data Filters, Summaries, Charts, Graphs, Scheduled Emails, and multiple formats (.csv, .xls, .pdf, .doc).

Reports are easily created or modified to provide you the information needed to manage your operation. No special skills required.

Barcode Printing

Generate and print Barcodes by Category, Subcategory, Part Type or UPC for improved data accuracy when performing inventory management functions.

Barcodes can be printed on Avery labels with a standard laser or inkjet printer. For improved barcode printing you can choose to purchase the optional Barcode Printer which is a roll fed label printer that prints using a wax/resin thermal transfer process for added label durability and ease of use.

AmbuTRAK Software Crew Interface

Crew Interface – Electronic Check Sheet

Designed for use on a touch screen notebook pc, this application enables crew members to perform Unit Inspections and Inventory Checks. The Crew Interface will send a notification based on triggers set up in the Unit Inspection Questionnaires; and provides the method for submitting Unit Supply Requests to the Supply Room. Crew members can check the status of their Supply Requests

Expiration Dates for medications are tracked by the Crew Interface. This enables quick reporting to find close dates medications once they leave the control of the supply room.

Sealed Cabinets can be setup and quickly verified in the Crew Interface to reduce the time required to prepare a Unit for service.

Supplies can be noted by call or run number for added accountability for supply usage.

Unit Inspections Questionnaires

Configurable questionnaires allow you to perform Unit Inspections and report incidences directly to supervisors via email or through custom reports. Questions may be multiple choices and set to trigger notifications or free text. Notifications can be routed via email to anyone in your organization.

AMBU TRAK

EMS Inventory Management Solution

AmbuTRAK Software Mobile Scanner

Mobile Scanner Application

Optional application for services requiring mobility when performing Inventory Management operations. Requires wireless connection to the internet.

Multiple Inventory Management applications are included on the AmbuTRAK software to provide flexibility while supporting the unique needs of the EMS market. Each application provides for the ability to manual update inventory records or to scan a UPC for more accurate entry.



Application

Receive Inventory
Receive Purchase Orders
Fill Unit Requests
Issue Inventory
Transfer Inventory
Check Out/In Fixed Assets
Cycle Counting

Description

Receive Inventory in to the Supply Room
Receive Inventory in to the Supply Room by PO
Manage Supply Requests from Crew Check Sheet
Provide Supplies to a Unit w/out a Unit Request
Move Supplies between Supply Locations
Manage the Checkout and Return of Fixed Assets
Verify and Update Stock Quantities

Technology Architecture - Software as a Service

AmbuTRAK is hosted centrally and delivers access to multiple users over the Internet. There is no software installed on the local pc. AmbuTRAK requires you to have an Internet connection and a standard web browser, preferably Internet Explorer 7.0 or higher for best performance.

Software maintenance and updates are performed regularly during off hours with minimal to no impact on business operations. Application Data is backed up daily and is readily accessible to restore the system in the event of an emergency.

Sales and Support staff are available to assist you with application questions. There is virtually no burden on your IT Staff to run AmbuTRAK software.

Hosting Environment

EMS Technology Solutions, LLC has chosen Rackspace for enterprise-level hosting services. Rackspace's Fanatical Support has made them a leader in application hosting receiving Microsoft's Hosting Provider of the Year Award in 2003, 2005 and 2007. Additional Information of Rackspace may be provided upon request.

Local Environment

Network Requirements: Minimal (Stable Connection to the Internet), Optimal (T1), Recommended (T1)

Client Operating Systems: Windows XP, Vista

AMBUTRAK

EMS Inventory Management Solution

Bar Code Scanning Hardware (optional)

Mobile Scanner	For Mobile Scanner Application (optional)
USB Barcode Scanner	To Scan Barcodes (optional)
Bluetooth Scanner	To Scan Barcodes (optional)
Barcode Printer	To Print Barcodes (optional)

Implementation Plan Outline

The AmbuTRAK team will assist you in the implementation of your inventory management system. To get started we will request the following information:

- Company Logo in .jpg format – used to brand your AmbuTRAK install
- Crew Member List – we can upload your crew members directly in to AmbuTRAK
- Parts List in .xls or .csv format – we will import your parts and help you get the data ready for use
 - o You can send us an export from you current inventory system
 - o You can request a file from your suppliers
- Copy of your current paper Check Sheet – we will use to help you create Supply Cabinets, Units and Questionnaires

Week 1 – Introduction and Planning with Supply Managers

- Discuss current and proposed inventory management controls
- Review AmbuTRAK Inventory Management System Features
- Outline data requirements (Parts, Suppliers, Units, Checklists, Supply Rooms)
- Establish process for gathering and loading data in to the inventory system

Week 2 - Establish AmbuTRAK Instance (AmbuTRAK Team)

- Load part data provided by Supply Manager
- Review data for completeness
- Outline any additional data requirements

Week 3 - Train Supply Managers / Crew Members

- Create test environment with actual data
- Train Supply Managers on the Backoffice and Mobile Scanner Interface
- Train Crew Members on the Crew Interface

Week 4 - Complete Testing and Begin Live Use

- Begin using AmbuTRAK to manage supplies in supply room
- Scale to vehicle and/or station inventory management

Ongoing – Maintain Software and User Environment

- Provide ongoing support for users
- Provide additional training as requested
- Provide software maintenance
- Provide software upgrades

AMBUTRAK

EMS Inventory Management Solution

Scope of Services

EMS Technology Solutions will provide full access to the AmbuTRAK Inventory Management Software as outlined in this document.

EMS Technology Solutions will provide software setup and training per the agreement.

EMS Technology Solutions will provide application hosting as well as database backups of AmbuTRAK on our high performance Rackspace servers.

EMS Technology Solutions will provide support and value added upgrades to keep your AmbuTRAK software up to the most current version at no additional cost.

Technical support will be provided at no additional cost.

This proposal does not include any hardware. Barcode scanners will be quoted separately based on your needs. USB Scanner, Blue Tooth Scanners and PC Mobile Scanners are available.

Support Services

Support is available via phone 877-217-3707 during business hours M-F 8 – 7 EST, and via email support@ambutrak.com 24/7/365. Online knowledge base is also provided and accessed directly from the application.

AMBU TRAK

EMS Inventory Management Solution

AmbuTRAK Software Agreement

Software Setup and Training	Amount
AmbuTRAK Software Setup and Training	\$ 1,500.00
Amount Due at Start of Project	\$ 1,500.00

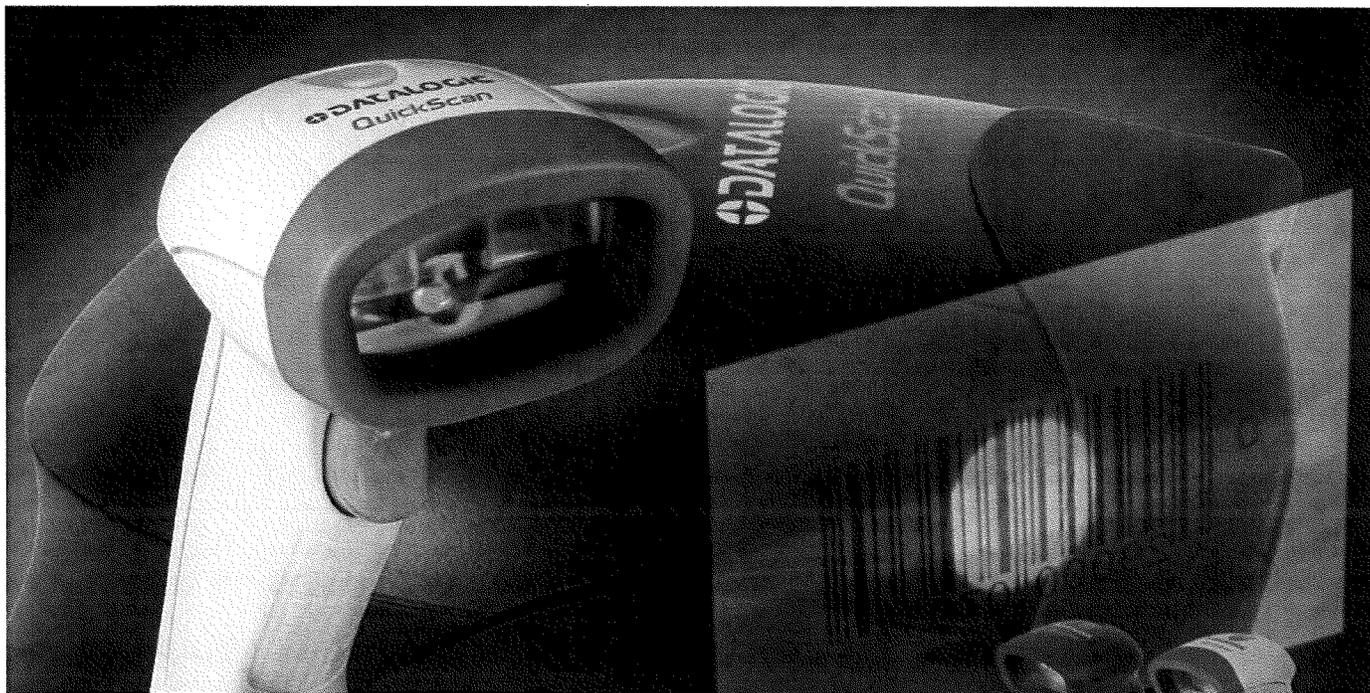
Software Licenses	Licenses	Monthly Rate	Amount
Monthly Software License Fee	24	\$ 27.00	\$ 648.00
Monthly License Fee			\$ 648.00

Hardware (Optional)	Quantity	Rate	Amount
*Psion Teklogix WORKABOUT PRO Mobile PC Scanner	0	\$ 2,475.00	\$ 0.00
USB Scanner	0	\$ 175.00	\$ 0.00
Bluetooth Scanner	0	\$ 450.00	\$ 0.00
Cognitive DLX 4.2" USB Barcode Printer	0	\$ 525.00	\$ 0.00
Cognitive Barcode Thermal Media Kit (1,775 labels)	0	\$ 29.00	\$ 0.00
Hardware Cost			\$ 0.00

* Includes 3 Year Comprehensive Warranty, additional information on hardware configuration is available

Payment Information:

EMS Technology Solutions, LLC
3760 Tramore Point Pkwy
Austell, GA 30106
877-217-3707



General Purpose Coded Handheld Linear Imager Bar Code Reader

The QuickScan reader series is Datalogic Scanning's value line of general purpose handheld data collection products. The QuickScan I QD2100 linear imaging reader is an entry level product that is perfect for use in retail and office environments plus activities associated with couriers and postal services.

The QD2100 is small, lightweight and its ergonomic design is comfortable to use during daily operations. It offers snappy reading performance especially on hard to read bar codes and is capable of reading a wide range of symbologies including the majority of 1D codes plus GS1 DataBar™ linear codes. The QD2100 reader features Datalogic's exclusive patented 'Green Spot' for good read feedback directly on the code. When in Stand Mode, the Green Spot remains on to show the operator where to position the code for quick and intuitive reading.

Like the QuickScan L reader, the QD2100 has been designed with durability in mind. One of the most vulnerable features of any scanner is damage to the scan window. When such incidents happen, the scanner may have to be replaced. The QD2100 was specifically designed so that a replacement window pack can be ordered to replace damaged or scratched windows without having to send the scanner away for repairs. This helps to reduce the total cost of ownership during the life of the scanner and helps to ensure that it is always available for use.

The QD2100 is available with two multi-interface options: RS-232 / IBM 46XX / USB and RS-232 / USB / Keyboard Wedge / Wand and includes various packaging options so that it can be ordered as the scanner only or as a kit equipped with a scanner, cable and stand to facilitate hand-free reading options. The Datalogic Aladdin™ configuration program provides user-friendly features that simplify the start-up procedure, even for inexperienced users.

Features

- Datalogic Green Spot for good read feedback
- User replaceable scan window
- Two multi-interface options support the most popular interface combinations
- Supports GS1 DataBar™ codes
- Remote host download functions (Model QD2110)
- Water and Particulate Sealing Rating: IP42
- Drop resistance to 1.5 m / 5.0 ft



Specifications

DECODING CAPABILITY

1D / LINEAR CODES

Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes

POSTAL CODES
STACKED CODES

China Post
GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional

ELECTRICAL

CURRENT

Operating (Typical): 340 mA @ 5 VDC
Standby/Idle (Typical): 190 mA @ 5 VDC

INPUT VOLTAGE

QD2110: 4 -14 VDC; QD2130: 5 VDC +/- 10%

ENVIRONMENTAL

AMBIENT LIGHT
DROP RESISTANCE
ESD PROTECTION (AIR DISCHARGE)
HUMIDITY (NON-CONDENSING)
PARTICULATE AND WATER SEALING
TEMPERATURE

100,000 lux
Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface
20 kV
5 - 95%
IP42
Operating: 0 to 50 °C / 32 to 122 °F
Storage/Transport: -40 to 70 °C / -40 to 158 °F

INTERFACES

RS-232 / IBM 46XX / USB Multi-Interface: QD2110
RS-232 / USB / Keyboard Wedge / Wand Multi-Interface: QD2130

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE
DIMENSIONS
WEIGHT

Black; White
17.0 x 7.1 x 6.6 cm / 6.7 x 2.8 x 2.6 in
121.9 g / 4.3 oz

READING PERFORMANCE

LIGHT SOURCE
PRINT CONTRAST RATIO (MINIMUM)
READ RATE (MAXIMUM)
READING ANGLE
READING INDICATORS

Red LED 610-650 nm
15%
270 reads/sec.
Pitch: +/- 65°; Roll (Tilt): +/- 45°; Skew (Yaw): +/- 65°
Beeper (Adjustable Tone); Datalogic 'Green Spot' Good Read Feedback;
Good Read LED
0.102 mm / 4 mils

RESOLUTION (MAXIMUM)

READING RANGES

TYPICAL DEPTH OF FIELD

Minimum distance determined by symbol length and scan angle.
Printing resolution, contrast, and ambient light dependent.
4 mils: 2.0 to 11.0 cm / 0.8 to 4.3 in
5 mils : 1.5 to 15.0 cm / 0.6 to 6.0 in
7.5 mils : 0.8 to 25.0 cm / 0.3 to 10.0 in
10 mils: 0.8 to 38.0 cm / 0.3 to 15.0 in
13 mils: 1.9 to 45.0 cm / 0.7 to 18.0 in
20 mils: 2.5 to 65.0 cm / 1.0 to 26.0 in

SAFETY & REGULATORY

AGENCY APPROVALS

The product meets necessary safety and regulatory approvals for its intended use.
The Quick Reference Guide for this product can be referred to for a complete list of certifications.
Complies to China RoHS; Complies to EU RoHS
IEC 60825-1 Class 1 LED Product

ENVIRONMENTAL COMPLIANCE
LED CLASSIFICATION

UTILITIES

DATALOGIC ALADDIN™

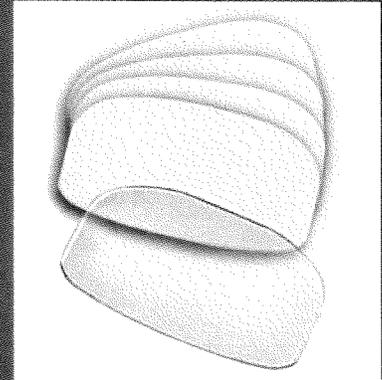
Datalogic Aladdin configuration program is available for download at no charge

REMOTE HOST DOWNLOAD

Lowers service costs and improves operations: QD2110

WARRANTY

5-Year Factory Warranty



Miscellaneous

- 11-0318 Replacement Windows, 5-Pack



Mounts/Stands

- STD-QD20-BK Gooseneck Stand, Black
- STD-QD20-WH Gooseneck Stand, White

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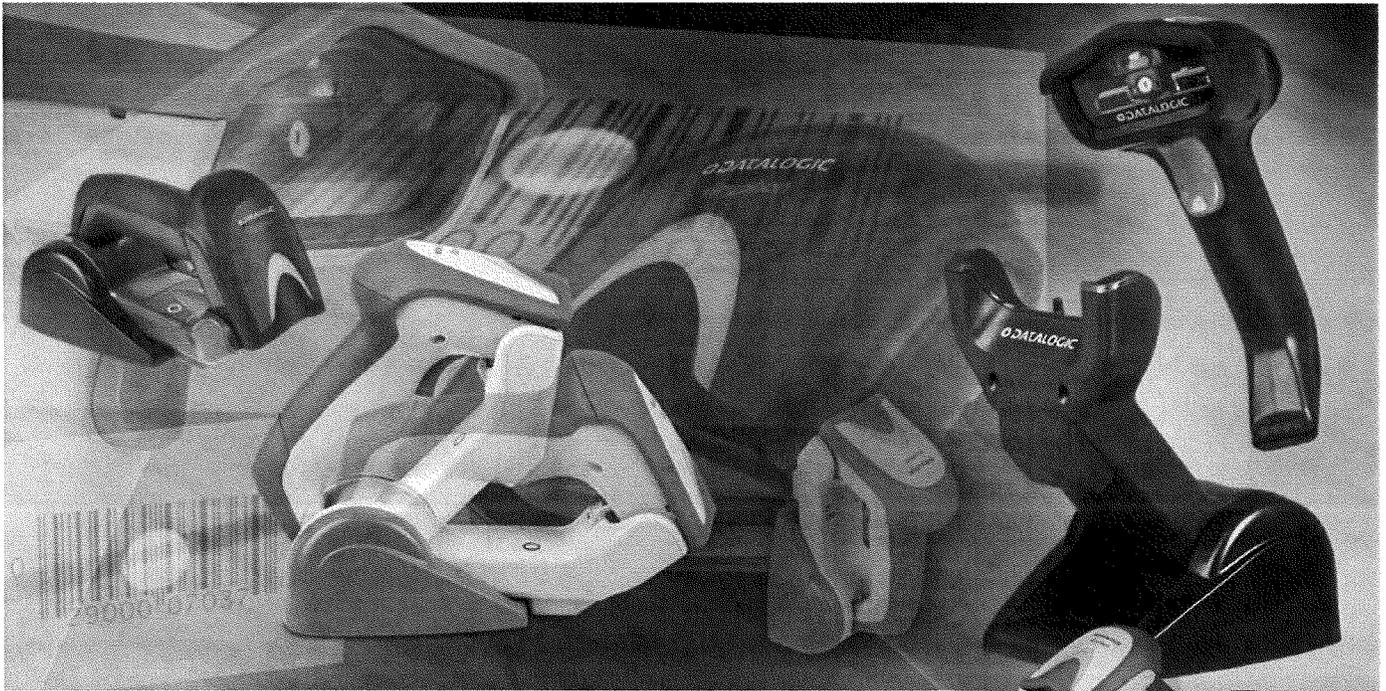
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Product specifications are subject to change without notice.

DS-QUICKSCAN1-EN 20090804

www.scanning.datalogic.com



General Purpose Handheld Linear Imager Bar Code Reader with Bluetooth® Wireless Technology

The Gryphon™ series represents the premium line of Datalogic Scanning's general purpose handheld data collection products and offers the richest feature set among the general purpose products.

Featuring Bluetooth® Wireless Technology, the Gryphon GBT4100 readers eliminate the need for cables that limit operator movement and create safety concerns in the workplace. The reader can also transmit data to the host through its base station as well as to any commercial or embedded Bluetooth® v2.0 compliant device.

Datalogic's unique 2-position cradle provides multiple features for the user. When in the 'up' position, this imager can be used as a hands-free or presentation style reader. With the Scan-While-Charging feature, there is never any concern about depleted or dead batteries, ensuring constant up-time for increased productivity.

The Gryphon GBT4100 reader's batch mode capability allows more than 1200 bar codes to be stored in the memory. Combined with a 33,000 scans per charge Lithium-Ion battery, these two features create unlimited mobility and reliable data collection when out-of-range.

Datalogic's exclusive patented 'Green Spot' for good-read feedback helps to improve productivity in noisy environments or in situations where silence is required. When using the product with the cradle at a 45° position, the Green Spot can work as an aiming system to aid in positioning the bar code for quick and intuitive reading.

Standard multi-interface capabilities include USB, RS-232, Keyboard Wedge and Wand Emulation for the GBT4130 models. IBM interface models include IBM 46XX, USB and RS-232 Emulation for the GBT4110 models.

The Datalogic Aladdin™ configurator provides user-friendly features that simplify the start-up procedure.



Features

- Fastest speed-to-read - 325 scans/second
- Bluetooth Wireless Technology with up to 30 m / 98 ft range
- Point-to-point and multi-point transmission
- Two-position cradle with Scan-While-Charging capability
- Batch Mode capability (>1200 codes stored in memory)
- Datalogic 'Green Spot' for good read feedback
- User-replaceable and long lasting Lithium-Ion battery
- Drop resistance to 1.8 m / 5.9 ft



Specifications

CORDLESS COMMUNICATIONS

BLUETOOTH WIRELESS TECHNOLOGY

Protocol: Bluetooth 2.0 Certified Class 2
Radio Frequency: 2.4 GHz
Radio Range (Open Air): 30.0 m / 98.4 ft

DECODING CAPABILITY

1D / LINEAR CODES

Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes
China Post
GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional

POSTAL CODES
STACKED CODES

ELECTRICAL

BATTERY

Battery Type: Lithium-Ion, 2100 mAh
Charge Time: 4 Hours
Reads per Charge: 33,000
Battery Charging (Red); Charge Completed (Green); Power/Data (Yellow)
Charging (Typical): < 8 W; Operating (Typical): < 2.5 W @ 5 VDC;
Standby/Idle (Typical): < 2.5 mA @ 5 VDC
4.5 - 14.0 VDC

CRADLE INDICATOR LEDS
CURRENT

INPUT VOLTAGE

ENVIRONMENTAL

AMBIENT LIGHT
DROP RESISTANCE
ESD PROTECTION (AIR DISCHARGE)
HUMIDITY (NON-CONDENSING)
PARTICULATE AND WATER SEALING
TEMPERATURE

0 - 100,000 lux
Withstands repeated drops from 1.8 m / 5.9 ft onto a concrete surface
16 kV
5 - 90%
IP52
Operating: 0 to 50 °C / 32 to 122 °F
Storage/Transport: -20 to 70 °C / -4 to 158 °F

INTERFACES

RS-232 / IBM 46XX / USB Multi-Interface;
RS-232 / USB / Keyboard Wedge / Wand Multi-Interface

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE
DIMENSIONS

Black; White
Cradle: 18.6 x 9.9 x 5.6 cm / 7.25 x 3.9 x 2.2 in
Reader: 18.1 x 7.1 x 10.0 cm / 7.1 x 2.8 x 3.9 in
Cradle: 246 g / 8.68 oz; Reader: 225 g / 7.94 oz

WEIGHT

READING PERFORMANCE

LIGHT SOURCE
PRINT CONTRAST RATIO (MINIMUM)
READ RATE (MAXIMUM)
READING ANGLE
READING INDICATORS

Illumination: LED Array 630 - 670 nm
15%
325 reads/sec.
Pitch: +/- 65°; Roll (Tilt): +/- 35°; Skew (Yaw): +/- 65°
Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED
0.076 mm / 3 mils

RESOLUTION (MAXIMUM)

READING RANGES

TYPICAL DEPTH OF FIELD

Minimum distance determined by symbol length and scan angle.
Printing resolution, contrast, and ambient light dependent.
5 mils: 6.0 to 18.0 cm / 2.3 to 7.0 in
7.5 mils: 3.5 to 30.0 cm / 1.4 to 11.7 in
10 mils: 2.0 to 45.0 cm / 0.8 to 17.7 in
13 mils: 3.0 to 60.0 cm / 1.2 to 23.4 in
20 mils: 3.0 to 80.0 cm / 1.2 to 31.2 in

SAFETY & REGULATORY

AGENCY APPROVALS

The product meets necessary safety and regulatory approvals for its intended use.
The Quick Reference Guide for this product can be referred to for a complete list of certifications.
Complies to China RoHS; Complies to EU RoHS
IEC 60825-1 Class 1 LED Product

ENVIRONMENTAL COMPLIANCE
LED CLASSIFICATION

UTILITIES

DATALOGIC ALADDIN™

Datalogic Aladdin configuration program is available for download at no charge

OPOS / JAVAPOS
REMOTE HOST DOWNLOAD

OPOS Utilities are available for download at no charge
Lowers service costs and improves operations: BC4010

WARRANTY

3-Year Factory Warranty

Accessories



Base Stations/Chargers

- BC4010-BK-BT Base/Charger, POS Multi-Interface, Black
- BC4010-WH-BT Base/Charger, POS Multi-Interface, White
- BC4030-BK-BT Base/Charger, Standard Multi-Interface, Black
- BC4030-WH-BT Base/Charger, Standard Multi-Interface, White
- CHR-GM40 Charging Only Base Station

Batteries/Battery Chargers

- RBP-GM40 Removable Battery Pack



Mounts/Stands

- 11-0360 Multi-Purpose Stand/Mount, Black
- 11-0362 Multi-Purpose Stand/Mount, Grey
- HLD-G040-BK Desk/Wall Holder, G040, Black
- HLD-G040-WH Desk/Wall Holder, G040, White
- STD-AUTO-G040-BK Smart Stand, G040, Black
- STD-AUTO-G040-WH Smart Stand, G040, White
- STD-G040-BK Basic Stand, G040, Dark
- STD-G040-WH Basic Stand, G040, White

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DS-GRYPHONIGBT4100-EN 20091026

AMBU TRAK

MOBILE INVENTORY SOLUTION

powered by **PSION TEKLOGIX**



The AmbuTRAK Mobile Inventory Solution allows Supply Managers to move about the supply room while performing critical inventory management functions. Mobility is provided by Psion Teklogix's WORKABOUT PRO Handheld Terminal which comes fully configured with AmbuTRAK Mobile Software for easy deployment.

AMBU TRAK MOBILE FEATURES

- * Scan Bar Codes or Use Keyboard to Search
- * Receive Inventory & Purchase Orders
- * Fill Unit Supply Requisitions
- * Transfer Inventory between Supply Locations
- * Issue Inventory to Supply Locations
- * Active Sync allows for Online & Offline Inventory Management
- * Simple Touch Screen Menus for Easy Use & Deployment
- * Ongoing Application Maintenance & Support (Remote Control Capable)
- * 3 Year Hardware Warranty from Psion Teklogix

Cost: \$ 2,475.00

WORKABOUT PRO HAND HELD TERMINAL

- * Configured for AmbuTRAK Mobile Inventory
- * Internal Scanner : 1D Laser HP Pod (pistol grip)
- * CF Slot : RA2041 802.11b/g
- * Operating System : WINCE 5.0
- * Language Support : English
- * Pistol Grip Handle : Pistol Grip
- * Battery Pack Type : High Cap (3300 mAh)
- * Docking Station for WAP

WARRANTY - I-SERV 3D NOCOLL ABUSE IN 7X24

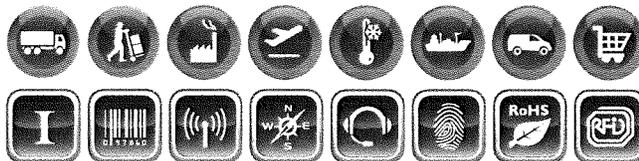
- * Turnaround Time: 3 Days
- * Collection: No
- * Help Desk: 24x7
- * Abuse Included: Yes
- * Warranty Period: 3 Years

WORKABOUT PRO Hand-Held Computer



The Power to Adapt

The WORKABOUT PRO® - unparalleled flexibility combined with outstanding ergonomics and ruggedness. The industry leading flexibility allows users to configure the WORKABOUT PRO with a multitude of technologies including RFID, Biometrics, Speech, Imaging and more to meet specific and evolving application needs. With its superior flexibility and a design that withstands the harshest environments, the WORKABOUT PRO delivers maximum usability, maximum investment protection and value over the long term.



WORKABOUT PRO

ADVANTAGES

Industry Leading Flexibility & Integration

- The WORKABOUT PRO supports a variety of field installable expansion modules including scanners, imagers, RFID modules, biometrics modules, speech, Wireless LAN (WLAN) Wireless WAN (WWAN) radios, GPS, and more.
- Hardware Developer's Kit (HDK) allows for development of custom expansion modules to address your unique business needs.
- A choice of Microsoft Embedded® CE® 5.0, or Windows Mobile® 6 offers the ultimate in flexibility to meet the specific needs of your software solution.

Essential Ruggedness

- Withstands multiple drops from 6 ft (1.8 m) or 26 drops (on 12 edges, 6 corners, 8 faces) from 5 ft (1.5 m) to concrete while powered on and configured with accessories such as WiFi radio, scanner / imager and pistol grip.
- Withstands shock & vibration consistent with mounting in a truck or a forklift.
- IP65 rating, protecting it against dust and water sprayed from all directions.

Superior Ergonomic Design

The ease of use and portability of the WORKABOUT PRO combine to deliver exceptional ergonomics.

- Numeric and Full Alphanumeric keyboard layouts with a standard backlight feature.
- Full VGA color - touch display provides improved graphics capability in all lighting conditions.

PSION TEKLOGIX

information in motion

WORKABOUT PRO Hand-Held Computer

Specifications*



WORKABOUT PRO C
Hand-held Computer



WORKABOUT PRO S
Hand-held Computer



MODEL VARIANTS

- WORKABOUT PRO C – Model 7527C-G2
- WORKABOUT PRO S – Model 7527S-G2

PLATFORM

- PXA270 520 MHz, 32 bit RISC CPU
- 256 MB Flash, 128 MB RAM

OPERATING SYSTEM

- Microsoft® Windows® CE 5.0
- Microsoft® Windows® Mobile® 6 Classic, Professional

WIRELESS COMMUNICATIONS

- Optional expansion modules for:
 - 802.11 b/g Compact Flash Radio operating in the 2.4GHz band
 - 802.11 a/b/g Compact Flash Radio with integrated antenna operating in 2.4GHz and 5GHz bands
- GSM/GPRS EDGE (via expansion interface) Quad Band - 850/900/1800/1900 Voice and Data
- UMTS/HSDPA (via expansion interface) Triple band, 850/1900/2100MHz Voice and Data
- Integrated Bluetooth® class II, V 2.0 + EDR
- Note: 802.11 b/g, GSM/UMTS, and Bluetooth® are available simultaneously
- Note: All expansion modules are available factory configured or user installable

BARCODE APPLICATIONS

- Optional ID laser scanning expansion modules in standard range, long range, and auto range configurations
- Optional 1D linear imager expansion module
- Optional 2D area imager expansion module
- Optional bolt-on pistol grip
- Note: All expansion modules are available factory configured or user installable.

RFID MODULE OPTIONS

- HF Module
 - Frequency: 13.56 MHz
 - Tags supported: ISO 15693, Philips iCode™, TI TagIt™, Tagsys (C210, C220, C240, C270)
 - Read/write range up to: 3.15 in (80 mm)
- MIFARE module
 - Frequency: 13.56 MHz
 - Tags supported: ISO 14443 A&B, Mifare
 - Read/write range up to: 1.97 in (50 mm)
- LF module
 - Frequency: 125 KHz, 134.2 KHz
 - Tags supported: EM 4x0x, EM 4x50; Hitag 1 & 2; ISO HDXA & FDXB
 - Read/write range up to: 70 mm (2.756 in)
- UHF module
 - Frequency: 868 MHz or 915 MHz
 - Read range: up to 4.92 ft (150 cm) [915 MHz] and up to 2.62 ft (80 cm) [868 MHz]
 - Tag supported: EPC Class 1 Gen 2, other protocols depending on regions
 - Note: All expansion modules are available factory configured or user installable.

USER INTERFACE

- Color touch screen display 3.6 in (9.144 cm) diagonal Full VGA 480 x 640 resolution Transflective, portrait mode TFT adjustable backlight Sunlight readable (for outdoor use) High reliability LED backlight
- Touchscreen (standard)
- Passive stylus or finger operation
- Signature capture

Keyboards

- Full alpha-numeric (C model) Numeric (S model)
- Ergonomically enhanced for ambidextrous one-hand operation
- Backlit, high durability hard-capped keys
- Indicators & Controls LED indicates battery charge status
- Audio
 - 90 db mono speaker
 - Mono microphone
 - 86 db beeper

PROGRAMMING ENVIRONMENT

- HTML, XML
- Psion Teklogix Mobile Devices SDK
- Hardware Development Kit (HDK)
- .NET and C++ programming using Microsoft® Visual Studio® 2005
- Java programming supporting JDK 1.2.2 or higher
- Standard Protocol APIs Windows® sockets (CE.net)

APPLICATION SOFTWARE

- Internet Explorer® 6.0 incl with Windows® CE 5.0
- Internet Explorer® Mobile incl with Windows® Mobile® 6
- Windows Mobile Device Center
- Phone dialer and Personal Information Manager (PIM) incl. with Windows Mobile® 6 Professional
- Unique Psion Teklogix Voice Dialer and Contacts Manager incl. Windows® CE 5.0
- PTX Connect VoIP
- Optional OpenTekTerm terminal emulation software, supports IBM 5250, IBM 3270, HP2392, ANSI and TESS
- Mobile Control Center (MCC) device management

EXPANSION SLOTS

- One SD/MMC memory card slot – user accessible
- End-cap USB Interface supports GPS expansion module.
- I/O-PIN expansion interface: supports PCMCIA (type II), GSM/GPRS EDGE and other third-party expansion modules developed using Psion Teklogix WORKABOUT PRO Hardware Developer's Kit.
- Flex cable interface with robust connector: supports scanner (serial) and imager (USB) modules
- One Type II CF Card Slot

EXTERNAL CONNECTORS

- One tether connection with full RS232 and USB On-The-Go (USB 1.1) functionality
- One Low-Insertion Force (LIF) docking connector
- DC Power Jack

POWER MANAGEMENT

- Optional 3.7V, 3000 mAh high capacity battery pack
- Optional 3.7V, 4000 mAh super high capacity battery pack
- Advanced smart battery with gas gauge
- 3 power source options:
 - Runs off battery, AC power, or automotive power supplies
 - Built in charger
 - Rechargeable, user replaceable backup battery pack

ENVIRONMENTAL

- Withstands multiple drops from 6 ft (1.8 m) or 26 drops (on 12 edges, 6 corners, 8 faces) from 5 ft (1.5 m) to concrete while powered on and configured with accessories such as WiFi radio, scanner / imager and pistol grip.
- Rain/Dust: IP65, IEC 60529
- Operating temperature: -4°F to 122°F (-20°C to +50°C)
- 5%-95% RH non-condensing
- Storage temperature: -40°F to 140°F (-40°C to +60°C)
- ESD: +/- 8kVdc air discharge, +/- 4kVdc contacts

PHYSICAL DIMENSIONS AND WEIGHT

- WORKABOUT PRO C: 8.775" x 2.95"/3.94" x 1.22"/1.65" (223 mm x 75/100 mm x 31/42 mm)
- WORKABOUT PRO S: 7.87" x 2.95"/3.94" x 1.22"/1.65" (200 mm x 75/100 mm x 31/42 mm)
- Weight (w/o battery pack):
 - WORKABOUT PRO C: 1 lb (455 g)
 - WORKABOUT PRO S: 0.859 lb (390 g)

POWER ACCESSORIES

- AC power supply (charge & operate hand-held)
- Automotive power supply (charge & operate hand-held)
- Single and quad slot battery pack chargers
- Powered cradle for vehicle mount applications

COMMUNICATION ACCESSORIES

- Quad dock (4-site) with 10/100 BaseT Ethernet and charge functions
- Desktop docking station (charges hand-held & spare battery) provides USB1.1 host and device ports and supports optional plug-on expansion modules supporting 10/100 Base T Ethernet or RS232 connections.
- USB On-The-Go cable supports Active Sync without requiring a docking station
- Optional end caps supporting RS232, TTL, and IrDA

CARRYING ACCESSORIES

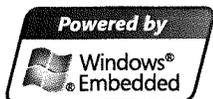
- Hand-strap, pistol grip with trigger, holster, various protective carrying cases and pouches

APPROVALS

- Safety: CSA/UL60950-1, IEC 60950-1, EN60950-1
- EMC:
 - FCC Part 15 Class B
 - EN 55022
 - EN 55024
 - EN301 489
- Laser:
 - IEC 60825-1, Class 2
 - FDA 21 CFR 1040.10, 1040.11 Class II
- Bluetooth®: I, 2
- RF: Bluetooth® and 802.11 b/g: EN300 328, Part 15.247
- GSM/GPRS: EN301 511; EN50360/361, NAPRD03; 3GPPS1.010; FCC Parts 22 & 24; Industry Canada; RSS-132 & 133
- In Vehicle Cradle: e Mark

Product is RoHS compliant

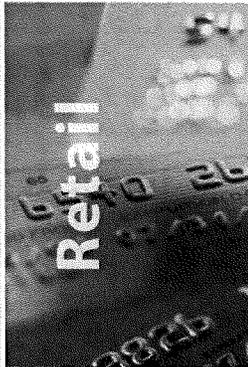
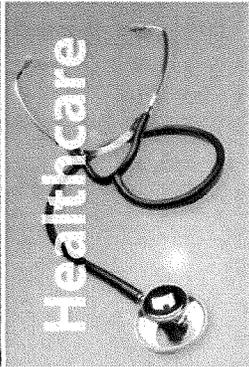
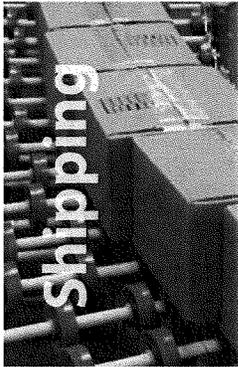
*Specifications are subject to change without notice



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Advantage DLX Desktop Thermal Printer



Barcode Label Printers

Advantage DLX

High performance desktop printing.

The Advantage DLX builds upon CognitiveTPG's reputation for exceptional ruggedness and reliability. The simple and intuitive design combined with its metal frame and print mechanism produce reliable print quality in even the most hostile of desktop environments. Equipped with state-of-the-art technology, the DLX delivers best-in-class print and first label out speeds, popular language emulations, and a patented USB A host technology along with a full connectivity suite. Ready for legacy applications, the DLX provides the ideal thermal printing solution for a wide range of applications where performance is paramount, durability is essential, and space is a factor.

Performance

- 5 ips print speed for increased throughput
- Best-in-class first label out performance to maximize efficiency

Connectivity

- Standard connectivity with USB A&B ports with internal Ethernet option
- Patented USB A host technology for adding peripheral devices such as keyboard or scanner
- Optional serial or parallel interface cable for legacy connectivity

Industrial Reliability and Ruggedness

- Metal frame and print mechanism for office and light industrial environments
- Industry-leading two-year warranty

Compact Solutions

- Available in 2" and 4" models

Compatibility

- Additional ZcPL and EcPL emulations for legacy applications
- Java-based Cognitive Administrator utility for easy printer set-up

Ease of Use

- Open printhead design for easy loading, cleaning, and replacement
- Quick load media guide

COGNITIVE TPG

800.732.8950
sales@CognitiveTPG.com
www.CognitiveTPG.com

Advantage DLX

High Performance Desktop Printing

2" AND 4" MODELS

Technical Specifications

	2" Model	4" Model
PRINT		
Method	Direct Thermal or Thermal Transfer	Direct Thermal or Thermal Transfer
Width (max)	2.1" (53.8 mm)	4.1" (104 mm)
Length (max)	322" (8179 mm)	322" (8179 mm) at 203 dpi 153" (3886mm) at 300 dpi (12 dpmm)
Speed (max)	5 ips (127 mm/sec)	5 ips (127 mm/sec)
Resolution	203 dpi (8 dpmm)	203 dpi (8 dpmm) Optional 300 dpi (12 dpmm)
MEDIA		
Width	1" - 2.4" (25 mm - 61 mm)	2" - 4.25" (50 mm - 108 mm)
Roll Diameter	4.7" (119 mm)	4.7" (119 mm)
Ribbon Length (TT models only)	3150" (80 m)	3150" (80 m)
Indexing	Black bar, notch, and gap	Black bar, notch, and gap
BAR CODES		
	29 standard bar codes, including Add2, Add5, Codabar, Code39, Code93, Code 128A/B/C, D2of5, I2of5, EAN8/8+, EAN13/13+, EAN128, Maxicode, MSI/I1, PDF417, Plessey, Postnet, UPCA/A+/E/E1, DataMatrix, Aztec, QR Code, RSS	
FONTS		
Bitmapped	7 styles with up to 10x10 magnification, variable boldness and spacing	
International	Sans serif font in 7 pt. sizes, up to 4x4 magnification, variable boldness and spacing	
Scalable Smooth Fonts	3 Ultra Font styles for smooth characters in any size and boldness	
Rotations	0, 90, 180, 270 degrees	
GRAPHICS		
	PCX and BMP formats	PCX and BMP formats
MEMORY		
	RAM - 16 MB, Flash - 8 MB	RAM - 16 MB, Flash - 8 MB
COMMUNICATIONS		
	USB A (Host) & B (Device) interface ports. Optional Ethernet (internal), Serial, or Parallel	
ELECTRICAL		
	Auto-ranging 100-240 VAC, 50-60 Hz, 24 VDC Output	Auto-ranging 100-240 VAC, 50-60 Hz, 24 VDC Output
ENVIRONMENTAL		
	Operates at 41°F to 104°F (5°C to 40°C)	Operates at 41°F to 104°F (5°C to 40°C)
DIMENSIONS		
Width	5.0" (127 mm)	6.8" (173 mm)
Height	6.1" (155 mm)	6.1" (155 mm)
Depth	9.4" (238 mm)	9.4" (238 mm)
WEIGHT (DT / TT)		
	3.1 lbs. (1.41 kg) / 3.9 lbs. (1.77 kg)	3.9 lbs. (1.77 kg) / 4.4 lbs. (2.0 kg)
ACCESSORIES		
Standard	Start-up Guide, power supply and cord, Windows drivers, programmer's guide, NiceLabel design software, and required cable for specific configuration (USB-B, Serial, or Parallel)	
Optional	Communications cables, label (peeler) dispenser, Ethernet, real-time clock	
WARRANTY		
Printer	24 months from date of purchase (requires registration and excludes printhead)	
PROGRAMMING LANGUAGE		
	Cognitive Programming Language (CPL), EcPL and ZcPL language emulation	

CognitiveTPG Headquarters

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COGNITIVE TPG

Robert L. Walla

From: Colleen Malotky
Sent: Monday, June 21, 2010 2:17 PM
To: Robert L. Walla
Cc: Ngoc Dao; Anna J. Farlow; Roger E. Bonin; Scott C. Wiebe; Richard J. Furasek; Sherrie A. Meints; John Huff; Vince Mejer
Subject: RE: Bid 10-119 - Award Recommendation

Bob,
We have decided to go with one scanner, one printer, and 1000 labels. I will be managing this project so if you have any questions please let me know and I will get back to you as soon as possible.
Thanks!

Colleen Malotky
441-8345

From: Robert L. Walla
Sent: Monday, June 21, 2010 1:53 PM
To: Ngoc Dao; Anna J. Farlow
Cc: Roger E. Bonin; Scott C. Wiebe; Richard J. Furasek; Sherrie A. Meints; John Huff; Colleen Malotky; Vince Mejer
Subject: RE: Bid 10-119 - Award Recommendation

Ngoc,

How many scanners, printers, labels, etc. do you need on the original order?

Bob

From: Ngoc Dao
Sent: Monday, June 21, 2010 11:58 AM
To: Robert L. Walla; Anna J. Farlow
Cc: Roger E. Bonin; Scott C. Wiebe; Richard J. Furasek; Sherrie A. Meints; John Huff; Colleen Malotky
Subject: RE: Bid 10-119 - Award Recommendation

Robert,

This is our recommendation. Colleen Malotky will be our project manager. If the vendor has any questions, she can be contacted at 441-8345. Thanks.

nd

From: Sherrie A. Meints
Sent: Monday, June 21, 2010 9:52 AM
To: John Huff; Ngoc Dao
Cc: Roger E. Bonin; Scott C. Wiebe; Ngoc Dao; Richard J. Furasek
Subject: FW: Bid 10-119 - Award Recommendation

Chief,

After reviewing the bids, Roger, Scott, and I are in agreement that the bid should be awarded to **EMS Technology Solutions, Ambutrack.**