

# INFORMATION NOTICE

## WORKFORCE SERVICES

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TO: WORKFORCE DEVELOPMENT COMMUNITY

SUBJECT: NEW CalJOBS<sup>SM</sup> SYSTEM SCAN CARDS

The purpose of this Information Notice is to inform the Local Workforce Investment Areas (Local Areas) about the Virtual OneStop VOScan® (VOScan) card technology the State, in partnership with Geographic Solutions Inc. (GSI), is making available as part of the new CalJOBS<sup>SM</sup> system.

With the launch of phase IB of the new CalJOBS<sup>SM</sup>, all organizations using the State's CalJOBS<sup>SM</sup> system will have the option to also use the VOScan module to conduct their business (see Attachment 1). While the functionality is included free of charge in the new CalJOBS<sup>SM</sup> to all users, GSI will offer the VOScan technology for an additional subscription fee to cover its technical support costs. The amount of the subscription fee will vary by organization based upon technical need and may include software and additional hardware costs (see Attachment 2).

The CalJOBS<sup>SM</sup> VOScan system will use America's Job Center of California<sup>SM</sup> branded plastic swipe cards with customized, sequenced numbers to avoid duplication of customer identification numbers. Each organization will have to order and purchase the cards directly from GSI's card vendor with the option to add its own local branding information on the back of the card. The cost of the cards will vary depending on the number ordered and the degree of local brand customization. The wait time for orders is estimated to be 3 – 4 weeks for the scan cards and 4 – 6 weeks for the terminals.

The operation of VOScan requires that staff's workstations have Internet connectivity and a browser. Scan cards are simply swiped with a card reader at the workstation and user information is collected for tracking and reporting purposes. The activities of each registered customer are monitored via the interface between the card reader and VOScan to track services in real-time. By combining client tracking and reporting into one location, the VOScan module has the capabilities to increase staff efficiency. Access rights are set locally for each scanning station used for the module. GSI will provide support to set up and maintain the VOScan module, as well as training and reference materials.

For additional information or to order America's Job Center of California branded scan cards and reading terminals, please contact GSI directly at 831-757-4400.

/S/ JOSÉ LUIS MÁRQUEZ, Chief  
Workforce Services Division

*The EDD is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities.*

## VOScan Module with Intelligent Card Readers



Virtual OneStop® introduces a dynamic duo: its VOScan system combined with new, high-speed, powerful intelligent card readers. Designed specifically to capture and track universal services at one-stop centers, Internet-based VOScan uses the latest card reader technology to provide the most complete customer management system available. Offered as a stand-alone module or as part of the Virtual OneStop suite of workforce solutions, VOScan enhances managers and staff members' abilities to easily register their customers, hand them a card, and immediately begin recording services.

The VOScan module is compatible with Microsoft Windows® and Windows NT® operating systems. Depending on the customer volume and location of the one-stop center, scan card readers can be centralized or decentralized. By combining centralized (staff member selects services) and decentralized stations, the easy electronic system allows managers to adapt to changing needs.

As part of innovative VOScan, Geographic Solutions now offers TRAX+G, an advanced scan card reader that meets workforce systems' demand by uniting a multitude of features, such as efficient design, better polling capabilities, 100-speed Ethernet, the ability to store over 30,000 scans with messages, flexible management of data, and validation tables for checking the correctness of data. The reader satisfies the need to monitor the activity of production personnel and operating machinery, and it provides one-stop staff with full attendance and recording capabilities.



The reader's effective, space-saving design allows it to be installed directly on a PC, a network connection, or bolted to the wall. An extractable connector block and a special bracket facilitate easy moving of the system. Dust, fire, and splash proof casing ensures durability. Additionally, the reader automatically shuts down during power failures and maintains the data for two months afterwards. When battery operation is necessary, the reader performs for at least six hours, but can also be programmed to turn off within a matter of minutes.

The reader has firmware (read-only memory or ROM) compatibility. One hundred speed Ethernet allows for faster data tracking and capturing. The terminal works in online, real-time, operation under the control of its host computer. If the host does not reply within a user-defined time limit, the terminal automatically goes into off-line autonomous mode using its standard internal procedures.

Attendance Recording/Access Control firmware allows staff to assign codes for different transactions and record attendance of non-cardholders by using an approved card. Staff can see all messages displayed by the controlling computer. Additionally, they can examine users' workshop attendance, utilized resources, and all other services offered by the one-stop center. Transactions can be controlled by a loaded procedure and activated using the function keys. From data collected from the keypad, or from the barcode, procedures can be activated at a designated time and day of week.

Data management and corrections benefits, combined with faster Ethernet speed, provides one-stops with invaluable advantages of quickly gaining and verifying more accurate information. In real-time, VOscan's advanced reporting options make detailed management reports possible. The system creates sophisticated reports to evaluate system performance and effectiveness. Staff can create Ad hoc reports and include numerous types for Individuals, Employers, Job Orders, Activities, System Tracking and Usage, and Surveys.

With VOscan, system administrators can change scan card readers "on the fly" and add or delete card stations. Workshop services can be changed from rapid response activities in the morning to letter writing in the evening. The multi-functional interface lets staff create events and new services from any computer with Internet access.

In summary, by combining all client tracking and reporting into one location, the VOscan module has demonstrated capabilities that help improve overall one-stop performance and increase staff efficiency. Utilizing the intelligent card reader provides the fastest, most expedient means to measure performance and output of services, as well as measure, track, and capture data from one-stop centers. With VOscan, Administrators and staff have a valuable, practical, and cost-effective resource for managing overall service delivery to rapidly achieve their tracking and reporting needs.

Specifications for TRAX-G intelligent card readers follow:

	Display	128x64 graphic, SuperTwist white LED backlit, up to 4 fonts on the screen at the same time. Up to 25x6 text rows, icons bitmaps support.
	Keypad	Membrane type, dust and splash proof, 20 keys with tactile action, guaranteed for 2 million actions.
	Internal Reader	Magnetic ISO track 2, I.R. barcode or proximity 125KHz, 64 bit read only, ISO 1443A Mifare®, LEGIC® Advant and ISO 15693.
	Battery	Backup battery capacity 550 mAH. Average consumption with magnetic reader: 90 mA.
	Communication Ports	Ethernet: RJ45 connector 100Base T-UDP/IP. PoE (Power Over Ethernet) compatibility. WLAN 802.11b version: internally connected via RS485, EtherLite/UDP compatible.
	Memory	128 KB RAM
	Dimensions	4.7" x 7.9" x 3.9" or 120 x 200 x 100 mm (WxHxD)
	Weight	1.6 – 2.1 pounds (depending on versions)



*Geographic Solutions, Inc. is the nation's leading provider of software solutions for workforce development, employment, and training. We have developed state-of-the-art systems for employment and workforce development agencies in more than 30 states. Our software is available to over 75% of job seekers and employers in the country.*

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## X1-The New Compact Access Control and Time & Attendance Terminal: (VOScan)



Geographic Solutions VOScan client-tracking module has added a new advanced technology terminal to our scan card terminal options for Virtual OneStop. The X1's cutting-edge functionality enables customers to use the X1 terminals to track services provided and career centers, and by partner agencies in real-time within Virtual OneStop. X1 eliminates the need for a polling application, and is perfectly suited to monitor and control the incoming/outgoing flow of jobseekers in a one-stop location.

**Register customers and immediately record services.** Unlike previous TRAX machines, the X1 will display the first and last name of the person who scans their card; effectively pulling the information from the Virtual OneStop database in REAL-TIME! The system can also be set up to verify that the card number is in fact stored in the database; any card numbers that are not stored, will be rejected...thus eliminating the chance that a service was not captured and accounted for.

**Program devices, assign codes and create reports in real-time.** Additionally, staff members can also examine users' workshop attendance, utilized resources, and additional services offered by the one-stop center. VOScan makes detailed management reports possible. The system can create sophisticated reports to evaluate system performance and effectiveness. Staff can also create Ad Hoc reports, reports for individuals, employers, job orders, activities, system usage, and even jobseeker surveys. The system's multi-functional interface lets staff create or delete events and new services 'on-the-fly' from any computer with Internet access.

### SYSTEM FUNCTIONALITY

**X1** is equipped with a large, bright display that clearly indicates: time, transaction type if configured, direction and result of the transaction (the latter is also indicated by means of an audible signal), and all controls and settings available on the supervisor menu.



The terminal is available with different reader technologies; the radiofrequency reader is in-built and is available in the 125 KHz EM4102, Mifare®, Legic® and HID® versions, while the barcode and magnetic stripe are fixed to the underside of the terminal by means of a bracket.

In addition to the main reader, it is also possible to connect a second external reader with the same technologies.

The keypad is made up of 6 membrane function keys on the sides of the display and can be used to insert reasons (for visit) and service procedures.

An external USB port enables the user to copy the recordings to a USB stick in cases, where no communication with a host is possible.

Power outages are not of concern. The internal battery ensures autonomous operation even in the event of a mains power failure. PoE (Power over Ethernet) 802.3.af is a standard feature and makes the system easier to install.

The communication facility consists of an Ethernet 10/100 PoE port with TCP/IP HTTP protocol for communicating with the server and FTP protocol for transferring transactions and configuration parameters.

The I/O section consists of 1 internal relay that can be used to unlock an access point or to activate sirens at programmable times. An optional external card is also available, equipped with 2 relays and 2 digital inputs, which maximizes the security of an access point since it can be installed inside the protected area, thereby rendering the access commands inaccessible and leaving only the terminal itself exposed to tampering.

# ZUCCHETTI AXESS X1 ZUCCHETTI AXESS

## TECHNICAL SPECIFICATIONS

<b>COMMUNICATION</b>	TCP/IP, HTTP and FTP
<b>POWER SUPPLY</b>	PoE 802.3.af or from 9 to 50 Volt
<b>ETHERNET</b>	10/100 Mb/s PoE
<b>USB AND SD</b>	1 internal MicroSD (1GB), external host USB
<b>MEMORY CAPACITY MORE</b>	more than 10 million transactions and more than 100.000 users
<b>KEYBOARD</b>	6 membrane function keys on the sides of the display
<b>DISPLAY</b>	Transflective, affords excellent visibility even in full daylight. 128x64 white LED up to 7 lines and 24 characters
<b>READERS</b>	1 internal (RFID 125KHz, Mifare, 13.56 MHz multistandard, Legic, HID) + 2 external
<b>IN/OUT</b>	1 internal relay 1A, 30V DC (resistive load), can be used for programmed activations (siren) or for unlocking an access point 2 internal digital input - Optional: remote expansion card with 2 relays 1A, 30V DC and 2 digital inputs (NeoMAX)
<b>AUDIO</b>	Multi-tone buzzer
<b>BATTERY</b>	1 h continuous operation with automatic power-off facility
<b>PROTECTION</b>	IP55
<b>MIDDLEWARE</b>	Interfaceable with XAM middleware to implement and deploy advanced installations in the shortest time
<b>HOUSING MATERIAL</b>	ABS V0
<b>DIMENSIONS</b>	120x130x52 - HxWxD
<b>WEIGHT</b>	400 gr.
<b>TEMPERATURE</b>	-10 +50 (battery must not exceed 50°)

## LEADERS IN SECURITY

*AXESS TMC is a brand of Zucchetti Axess, an international leader in solutions and products for access, attendance and security management. The hardware and software design departments of ZucchettiAxess are committed to the development of innovative solutions, to control the flow of personnel and traffic. With a network of over 100 partners in Italy and a similar number of partners distributed in over 50 countries worldwide, Zucchetti Axess is the number-one choice for all needs relating to personnel and environmental security using the most advanced ICT technologies. Zucchetti Axess is part of Zucchetti Group which, with more than 73,000 customers, is a forerunner in the ICT sector both in Italy and in Europe.*



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