FCC Regulatory Compliance: Notices Class B Equipment: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

WARNING:

1.The ViVOpay hardware or software can not be replaced or modified by any third party other than VIVOtech.

2. Minimum separation distance between 2 ViVOpay devices should be at least 2 feet.

3.The device should be mounted and seated on a non metal surface and be at least 6 inches far from any metal surface.

ViVOtech®
Quicker than cash, Safer than checks℠
www.vivotech.com

ViVOtech Corporate Headquarters
451 El Camino Real, Santa Clara, CA
95050. Phone: (408) 248 7001

ViVOpay OEM™

For VeriFone® OMNI® 7000

USER GUIDE

Version 1.0 April 2004

ViVOtech®
Quicker than cash, Safer than checks℠

ViVOpay OEM USER GUIDE

The merchant operation of the ViVOpay OEM module is very simple and almost entirely driven by the VeriFone OMNI 7000 POS. Once installed, the clerk's role on the operation of the system is simply to guide new customers to hold their contactless RF-enabled cell phones, plastic cards or key chains in front of the ViVOpay OEM reader module. The information is automatically transferred to the VeriFone OMNI 7000 POS system and processed in the same way a standard magnetic card would be.

How it Works

Contactless devices can have innumerous form factors as cell phone covers, plastic cards and key chains, enabled with RF tags that securely release the payment information to the ViVOpay OEM module without the need of physical contact with the Point of Sale terminal using contactless technology. The ViVOpay OEM module is constantly emitting a magnetic field, when it detects an RF tag in the field, it communicates with it and retrieves the payment information. The card information is then transmitted to the VeriFone OMNI 7000 POS device via data packets on a serial connection with the VeriFone POS device.

Typical Usage

1. The customer approaches the clerk with one or more items to purchase. The clerk enters the total value into the OMNI 7000, asks the consumer for the form of payment, and mentions the contactless payment option by pointing to the ViVOpay OEM module on top of the OMNI 7000.

2. The consumer pulls his or her contactless device and holds it in front of the ViVOpay OEM antenna.

3. The ViVOpay OEM antenna quickly reads the information from the card through RF technology - no physical contact is necessary. In a fraction of a second the reader validates the card, and secures the transaction.

4. ViVOpays OEM module automatically sends the information to the VeriFone OMNI 7000 POS.

5. The VeriFone OMNI 7000 POS displays the card data and the clerk proceeds to approve the transaction and print the receipt, which the clerk gives to the consumer for signature as with any other purchase.

Consumers just need to hold their Paypass devices in front of the ViVOpay

Audio-Visual Feedback

The ViVOpay OEM module is equipped with 2 LEDs on the top to provide consumers feedback on the read process. Further feedback is given by the VeriFone OMNI 7000 POS system.

Idle: Just first LED is ON.

Read SUCCESS: 2nd LED ON and beep from the VeriFone OMNI 7000 device.

The card number will appear in the VeriFone OMNI 7000 LCD screen.

ViVOtech Corporate Headquarters
451 El Camino Real, Santa Clara, CA
95050. Phone: (408) 248 7001