

The Department of Business Affairs and Consumer Protection

Procedure for Wireless Credit Card Transaction Systems

Pursuant to [Rules and Regulations for Affiliations](#) (pdf 42k) Rule No. 5.3 and [Rules and Regulations for Taxicab Medallion License Holders](#) (pdf 398KB) Rule No. 3.01, all taxicabs must be fitted with equipment which allows drivers to accept all major credit cards, debit cards, "smart cards" and other electronic methods of payment. Equipment must first be approved by the Department.

Information for vendors:

If you are a vendor and would like to have your equipment approved, you must first submit a written proposal which includes equipment to be used, software, price breakdown per unit, as well as any and all ancillary charges (such as service fees). We will then contact you to set up an appointment where you must present a live demonstration of the working solution. You will then receive a letter from us either approving or disapproving your solution. If your solution has been approved, you may then contact one of the [affiliations](#) to begin pilot program testing.

As part of the pilot program, the vendor must provide equipment free of charge during the pilot program phase. Affiliation and/or medallion owners are responsible for any associated airtime/service fees. Once your equipment successfully passes pilot program phase, the vendor may begin selling its wireless credit card solution to the affiliations/medallion owners.

Information for affiliations/medallion owners:

Affiliations must first enter into a pilot program before they actually install any wireless credit card equipment. The vendor must first be conditionally approved (see list of vendors below) by the City before vendor's equipment is used in the pilot program. Affiliations and/or medallion owners must submit in writing notice of its intentions to enter into a pilot program.

Note: Enforcement date of installation and activation of approved wireless credit card systems commenced on **June 1, 2004**. Licensed affiliated taxicab vehicles in the City must have installed and active approved wireless credit card systems by the June 1st date. Departments of Police, Aviation, Business Affairs and Consumer Protection and other participating City Departments will conduct inspections of vehicles to assure full implementation. Owners and affiliations may be cited for non-compliance. Drivers may be cited for refusal if they do not

accept credit cards. Please note that each vehicle must have a backup procedure for accepting credit cards in the event that the approved wireless systems malfunction. Acceptable device is a manual credit card swiper with appropriate credit card slips. Credit card authorizations must be conducted in a secure manner in the event that wireless credit card systems malfunction. Such malfunctioning equipment (and/or network problems) must be corrected immediately upon discovery. All vehicles will go through a full inspection for approved wireless credit card systems at Public Vehicle Inspection Facility.

Please note that independents are temporarily exempt from implementing approved wireless credit card systems. Independent (those not belonging to an affiliation) medallion holders will be issued a letter of instruction at a later date. The letter will outline phase-in process for independent medallion owners to begin after affiliations are fully implemented. We urge independent medallion holders to check this website and contact approved vendors to start the purchasing process.

Approved vendors list:

As of **August 24, 2004**, the following companies/equipments were fully approved for wireless credit card transaction program (note again that to receive full approval, vendors' wireless credit card solution package must first successfully pass a pilot program with an affiliation):

Company: Aircharge

System: Uses Motorola Nextel's Java enabled handsets (i50sx, i55sr, i85s, i90c, etc.) Printer and swiper housed in one unit (portable). Power can be hardwired into vehicle. Takes advantage of Nextel's data service package to send and receive authorizations. Can also use cellular and dispatching capabilities of the phone for separate costs. Contact: Robert Wallace at Aircharge, 866-718-2800 or 847-855-1483. Aircharge's Nextel wireless credit card system has been fully approved and has successfully completed its pilot program phase. Status: **Full Approval**

Company: C&C Enterprise

System: C&C Enterprise Smartchecker Wireless Taxi Payment Terminal (Model: CMP-1000T). All inclusive unit. Built in thermal printer. Direct serial cable input to newer Pulsar meters or manual input of fares. Works off of cellular (CDMA - Verizon Express Net data package) frequency. GPS with readout screen. Voice prompt and confirmation. Smart card and RF Card (contact and contactless) built in and active. Contact: W. K. Choi at C&C Enterprise, 82-2-2204-

9750. Note: C&C Enterprise's Smartchecker Wireless Taxi Payment Terminal system has successfully completed its pilot program phase. Status: **Full Approval**

Company: Cardservice International

System: LinkPoint 9000 (or its updated equivalent. LinkPoint 9100) mobile handheld POS system. Fully integrated and functional credit and debit card processing unit. Built in thermal printer. Smartcard ready (9100 model). Contact: Les Charmatz at Cardservice International at 312-643-5092/97. Note: Cardservice International's LinkPoint 9000/9100 system has successfully completed its pilot program phase. Status: **Full Approval**

Company: cellular.com

System: eCharge Wireless Credit Card Processing System by Wireless Web, Inc. Uses Motorola Nextel's Java-enabled handsets (i50sx, i55sr, i80s, i85s, i90c, i95c or other handsets). Printer and swiper housed in one portable unit and is AC/DC and rechargeable NiMh battery powered. Takes advantage of Nextel's data network to send and receive authorizations. Handsets can also be used for cellular and two-way direct connect capabilities for separate costs. Contact: Jeff Condon or John T. Jones at cellular.com at 847-774-3663 or 630-675-1186. Note: cellular.com's eCharge Wireless Credit Card Processing System by Wireless Web, Inc. has successfully completed its pilot program phase. Status: **Full Approval.**

Company: CX2 Technologies/BITSPoint, Inc.

System: Magnetic card reader, wireless modem and antenna. Fare information is downloaded from meter and sent for authorization through company owned/leased towers. Contact: Chris Plunkett at BITSPoint, Inc., 773-282-3565. CX2 Technologies/BITSPoint, Inc's wireless credit card system has been fully approved and has successfully completed its pilot program phase. Status: **Full Approval**

Company: Dialie LLC

System: Dialie's Wireless Credit Card Terminal (Model: TaxiDial), is a Bluetooth and Java-enabled terminal that connects to a smart taximeter, including, but not limited to, Pulsar and Centrodyne taximeters. The system operates through a cellular network. It is offered in conjunction with a full cashiering solution, push-to-talk communication, GPS tracking and computer dispatch. Contact: Patrice Berthome at Dialie LLC, 708 415 1229 Dialie LLC's wireless credit card system has been fully approved and has successfully completed its pilot program phase. Status: **Full Approval**

Company: Finite Technology, Inc.

System: Finite Technology's Easy Credit system. Magnetic card reader and thermal printer coupled with Palm m100 hand held device. Wireless information sent via existing 2-way radio utilizing Radiotrac's data communication system. No additional monthly charges for transmission of data. Contact: Lan Nguyen at Finite Technology, 719-547-7269. Note: Finite Technology's

Easy Credit wireless credit card system has successfully completed its pilot program phase. Status: **Full Approval**

Company: Gleike Taximeters

System: Gleike Mini taxi meter, card reader, wireless modem and antenna. Credit card authorization transmitted through CDPD or cellular frequency. Meter fare information and printer are housed in one unit. GPS ready. Contact: Claude Ricard at Gleike, 847-835-7055. Note: Gleike's MiniTaximeter wireless credit card system has been fully approved and has successfully completed its pilot program phase. Status: **Full Approval**

Company: IPS, Inc.

System: IPS taxi payment terminal (Model: IPS-1001). All inclusive unit. Built in thermal printer. Direct serial cable input to newer Pulsar meters or manual input of fares. Works off of cellular (CDMA - Verizon Express Net data package) frequency. GPS with readout screen. Voice prompt and confirmation. Smart card and RF Card (contact and contactless) built in and active. Contact: Jay Yum at CDS at 847-413-1889. Note: IPS, Inc's wireless taxi payment terminal (IPS-1001) has successfully completed its pilot program phase. Status: **Full Approval**

Company: Laramore Transportation Co.

System: LinkPoint 9000 (or its updated equivalent. LinkPoint 9100) mobile handheld POS system. Fully integrated and functional credit and debit card processing unit. Built in thermal printer. Smartcard ready (9100 model). Status: **Full Approval**

Note: LinkPoint 9000 series has been tested and successfully been in use by independent medallion owner, Robert Laramore of Laramore Transportation Co. for the past four years. You may contact Mr. Laramore directly at 312-718-1953 for more information on his personal utilization of the system.

Company: Mobile Knowledge

System: Mobile Knowledge (GMSI) 4122 mobile data terminal (MDT). Integrated with Pulsar 2020r or Centrodyne Smart Meter. External card reader is attached to MDT. Credit card authorization is transmitted through dedicated (non-leased) wireless data frequencies. Meter fare is downloaded through connection from the meter to the MDT. Receipt is generated from the meter's printer or ancillary thermal jet printer. Contact: Travis Gray, 613-287-5020, ext. 1033. Note: Mobile Knowledge's 4122 wireless credit card system has been fully approved and has successfully completed its pilot program phase. Status: **Full Approval**

Company: Mobile Knowledge/Checker Taxi Association & Yellow Cab Management

System: Mobile Knowledge (GMSI) 4022 mobile data terminal (MDT). Integrated with external thermal jet printer (DTP-100S S'Print smart printer). External card reader is attached to MDT. Credit card authorization is transmitted through dedicated (non-leased) wireless data frequencies. Contact: Art Berkwitt at Checker Taxi Association, 312-733-4790 or Kelly Douglas at Yellow Cab Management, 312-225-8915. Note: Mobile Knowledge/Checker/Yellow wireless credit card system has been fully approved

and successfully completed its pilot program phase. Status: **Full Approval. Please note that this approval applies only to Checker Taxi Association and Yellow Cab Management.**

Company: Mobile Knowledge

System: Mobile Knowledge (Sigem) Emerald mobile data terminal (MDT) integrated with (newer model) Pulsar and Centrodyne Meters. Swiper unit built into MDT. Credit card authorization transmitted through dedicated (non-leased) or cellular wireless data frequencies. Meter fare information is downloaded through connection from the meter to the MDT. Receipts are printed from meter's printer (or ancillary thermal jet printer). Contact: Travis Gray, 613-287-5020, ext. 1033. Note: Mobile Knowledge's Emerald wireless credit card system has been fully approved and has successfully completed its pilot program phase. Status: **Full Approval**

Company: Mobile Knowledge

System: Sapphire Series 6000 mobile data terminal (MDT). Works off of Windows CE operating system. Color LCD terminal. Contact: Travis Gray, 613-287-5020, ext. 1033. Note: Mobile Knowledge's Sapphire wireless credit card system has been fully approved and has successfully completed its pilot program phase. Status: **Full Approval**

Company: Nextdayfunding.com

System: RIM 950 Interactive two-way pager fitted with a magnetic card reader. Receipts are printed from meter's printer (or ancillary thermal jet printer). Alphanumeric paging, e-mail and faxing capability. Contact: Michael Stadnicki at nextdayfunding.com, 800-422-5005. Note: Nextdayfunding's RIM 950 wireless credit card system has been fully approved and has successfully completed its pilot program phase. Status: **Full Approval**

Company: Taxitronic

System: Taxitronic TX36 taxi meter, card reader, wireless modem and antenna. Credit card authorization transmitted through CDPD or cellular frequency. Meter fare information and printer are housed in one unit. Contact: Amos Taman at Taxitronic, 888-TAXITRON. Note: Taxitronic's TX36 taxi meter wireless credit card system has been fully approved and has successfully completed its pilot program phase. Status: **Full Approval**

Company: U.S. Wireless Data, Inc./Finite Technology, Inc.

System: Magnetic card reader, wireless modem and antenna. Fare information is downloaded from meter and sent for authorization through Motient network. Receipts are printed from meter's printer. Also works directly with Centrodyne's Silent 620 taximeter (with thermal jet printer). Contact: Lan Nguyen at U.S. Wireless Data/Finite Technology, 719-547-7269. U.S. Wireless Data/Finite Technology's wireless credit card system has been fully approved and has successfully completed its pilot program phase. Status: **Full Approval**

Vendors on pilot program phase:

As of **June 23, 2004** , the following companies/equipments were approved for pilot program phase (note that companies listed below may or may not be involved in active pilot programs with affiliation(s)):

Company: Arlington Heights Merchant Banc

System: Uses Nurit 3010 or equivalent units. Swiper and thermal jet printer in one unit. Contact: Gary Peterson at Arlington Heights Merchant Banc, 847-398-6210. Status: **Pilot Program Phase**

Company: Bark Research

System: Bark Research's Keyslide POS system. Wireless bluetooth capability. Transmits using GSM technology (available data frequencies on T-Mobile, AT&T and other wireless companies). Also accepts debit cards via handheld wireless bluetooth enabled swiper/data input device. Bluetooth enabled thermal printer. Contact: Richard Stack at Bark Research, 949-254-6939. Status: **Pilot Program Phase**

Company: CanTech

System: Mobile display terminal/meter/GPS. All-in-one equipment. Credit card authorization can be transmitted through several available options. Unit can be used as complete dispatching solution. Receipts can be printed through standard thermal printers. Smart card and debit card ready. Note: CanTech's meters have not yet been approved by the Department. No current testing of the meter is being conducted by the Department. Contact: Scott Wallace at CanTech, 905-335-4090, Ext. 227. Status: **Pilot Program Phase**

Company: CardReady Express

System: CardReady Express' TransAKT Wireless POS system (models T1 and T4). Device works off of CDMA or Nextel transmission. Wireless thermal printer (via infrared connection). Built in pin pad for debit transaction. Contact: CJ DeLeon at CardReady Express at cj@cardreadyexpress.com . Status: **Pilot Program Phase**

Company: Card Data Services (CDS)

System: Lipman USA Inc.'s, Nurit 8000 POS system. Handheld unit with digital signature capture capability. Instantaneous thermal jet printer printout. Uses GSM technology. Debit card active and smart card ready. Contact: Jay Yum at Card Data Services (CDS) at 847-413-1889. Status: **Pilot Program Phase**

Company: Commerciant

System: MobileScape hand held charge device. Thermal jet printer encased in one unit. Touch pad screen (stylus activated). Signatures captured and printed on receipt. Internet based management function to keep track of charges. Instant reprint of exact receipt (including captured signature) from the

web. Contact: Martin Estill at Commerçant, 713-735-5500. Status: **Pilot Program Phase**

Company: Wireless Edge

System: Wireless Edge Contour Mobile Terminal (mobile display terminal - MDT). Works as a full functioning dispatch system. GPS enabled and ready. Transmits using AT&T's GPRS 3G system. Connects to thermal printer or direct data download from most all meters. Drivers are issued a contactless ID cards for accurate accounting. Bluetooth installed and ready. Instantaneous web results of transactions. Contact: Richard Lanzetta at Wireless Edge, 608-877-1568. Status: **Pilot Program Phase**

Company: Wireless Edge

System: Wireless Edge's MTT 1000 portable point of sales (POS) device. GPS enabled and ready. Transmits using AT&T's (or T-Mobile's) GPRS 3G system. Infrared thermal printer. Bluetooth installed and ready. Instantaneous web results of transactions. Information stored on SIM cards. Contact Richard Lanzetta at Wireless Edge, 608-877-1568: **Pilot Program Phase**

Note that all credit card transactions must meet or exceed industry standard encryption of transmitted data.