



**City of Chicago**  
**Department of Business Affairs and Consumer Protection**  
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**APPROVED CREDIT CARD PROCESSING EQUIPMENT FOR TAXICABS**  
**Updated March 13, 2014**

All City of Chicago licensed taxicabs must operate with electronic equipment that is capable of processing non-cash forms of payment for taxicab fares. The equipment used to process non-cash payment of taxicab fares must be at a minimum in compliance with Rules TX5.07 and TX5.09 of the Taxicab Medallion License Holders Rules and Regulations, promulgated pursuant to Municipal Code of Chicago (MCC) section 9-112-510.

Effective January 1, 2013, any medallion licensee who replaces a taxicab must install in the replacement vehicle mandated **rear seat swipe credit card** processing equipment pursuant to MCC section 9-112-510.

Credit card /non-cash processing equipment must first be approved by BACP's Public Vehicle Operations Division before use in taxicabs.

**I. Alphabetical List of APPROVED Credit Card Processing Equipment for Taxicabs as of above listed date:**

**1. Creative Mobile Technology**

Approved equipment: Next generation PIM "NGP"-contains mobile CPU, passenger touchscreen, external point-of-sale ("POS") card reader, modem, driver interactive unit and GPS modem. Rear seat advertising and payment, GPS, front seat MDT, modem to communicate over the public data network. NGP supports both Pulsar 2030 and Centrodyne 610,620 and 700 meters, SNAP CPU, Rear seat 8.4" touch screen, Rear seat payment device, currently using VivoVend device, GPS antenna, Modem (USB modem or Airlink modem), Optional front seat Navman MDT, for cars that already have front seat MDTs, – CMT MDT is dispatch capable, the NGP solution can be paired with an existing back office computer dispatch system; CMT 8800 Solution- contains mobile POS device (Model 8800), connected to Mobile Knowledge mobile data terminal; and CMT iPP350 Solution- contains mobile POS device (Model iPP350), connected to Mobile Knowledge mobile data terminal. Contact: John Crant 718 937-4444 x207, [www.cmtnyc.com](http://www.cmtnyc.com)

**2. Mobile Knowledge – S2008MDT**

Approved Equipment: Series 2008 Mobile Data Terminal (S2008MDT). Built upon RISC processor and Keil Real Time Operating System. Incorporates 14 multifunction keypad with

8 line x 40 character backlit LCD display. The S2008MDT incorporates a high quality GPS receiver and Track I/II Magnetic Card Swipe reader. The S2008MDT can connect with discreet and smart taximeters/printers from a range of manufacturers, and can optionally connect with a remote Point of Sale Device including iPP320 (Ingenico), 8800 (Creative Mobile Technologies) and NGP (Creative Mobile Technologies). Contact: Travis Gray, 613-287-5020, ext. 1033, [tgray@mobile-knowledge.com](mailto:tgray@mobile-knowledge.com).

### **3. Mobile Knowledge – S9000MDT**

Approved Equipment: Series 9000 Mobile Data Terminal (S9000MDT). Built upon Strongarm Processor and Windows CE Operating System. Incorporates either 5.7" QVGA (S9006MDT) or 7.5" VGA (S9008MDT) Color, LCD, Armored Touchscreen Display. The S9000MDT incorporates a high quality GPS receiver and Track I/II Magnetic Card Swipe reader. The S9000MDT can connect with discreet and smart taximeters/printers from a range of manufacturers, and can optionally connect with a remote Point of Sale Device including iPP320 (Ingenico), 8800 (Creative Mobile Technologies) and NGP (Creative Mobile Technologies). Contact: Travis Gray, 613- 287-5020, ext. 1033, [tgray@mobile-knowledge.com](mailto:tgray@mobile-knowledge.com).

### **4. Mobile Knowledge – DriveLinQ/TaxiLinQ**

Approved Equipment: DriveLinQ Driver Application for Android operating system with optional TaxiLinQ communications platform supporting a range of interconnections with in-vehicle technologies. Built as an Android App, DriveLinQ serves as a Driver interface into a connected dispatch system, leveraging the internal GPS for location, and Wi-Fi/Bluetooth/3G/4G of the Android device for Wireless communications. TaxiLinQ is built upon an ARM processor and Linux Operating System. TaxiLinQ incorporates a high quality GPS receiver and Wi-Fi Router. Neither DriveLinQ nor TaxiLinQ incorporate a magnetic card swipe, but can be connected with discreet and smart taximeters/printers from a range of manufacturers, and can optionally connect with a remote Point of Sale Device including iPP320 (Ingenico), 8800 (Creative Mobile Technologies) and NGP (Creative Mobile Technologies). Contact: Travis Gray, 613- 287-5020, ext. 1033, [tgray@mobile-knowledge.com](mailto:tgray@mobile-knowledge.com).

### **5. TaxiMagic**

Approved Equipment: Samsung Arm11 667mhz, rugged case, components and connectors designed for taxi conditions. High performance ARM processor, double-sided magnetic credit card swipe. 7" LCD outdoor-rated touch screen with high definition video Dual 2-watt speakers, 3G, Wi-Fi and Bluetooth, Easy integration with other in-vehicle devices via multi-port junction box. Contact: Dan Fedor at 312-476-9196

### **6. Verifone**

Approved Equipment: MX 870 PIM, VTS M-10 PIM and M-7 DIM. VeriFone Passenger Information Monitor "PIM" PCI compliant credit card and advertising solutions. Provides secure credit card in taxi approvals within 2 to 3 seconds and are advertising capable. Includes a VeriFone Passenger Information Monitor screen wireless modem, antenna and GPS(AVL) system that is integrated directly with the taxi meter and dispatching systems. The VeriFone PIM is hardwired directly to the taxi meter to ensure reliability. Various driver and fleet management internet based software tools are included at no additional charge. Contact: Jeffrey Karasyk 718-752-1756, ext. 228, [Jeffrey\\_K1@VeriFone.com](mailto:Jeffrey_K1@VeriFone.com).

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**Pursuant to RULE TX5.13 (b) "Approved Electronic Equipment" of the Taxicab Medallion License Holder Rules and Regulations, anyone may apply for approval of specific electronic equipment for use in a taxicab by submitting to [BACPPV@cityofchicago.org](mailto:BACPPV@cityofchicago.org) for review:**

1. The electronic equipment's technical specifications and a detailed written description of the capabilities of the equipment;
2. A complete and accurate statement of all costs associated with such equipment (e.g., capital, installation, maintenance, operational, etc.);
3. Provide BACP a demonstration of the capabilities of the electronic equipment in operation; and
4. Supporting evidence or documentation of a completed field test of the electronic equipment.

**► Information for Wireless Credit Card Transaction System 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 equipment. You will then receive a letter from us either approving or disapproving your equipment. If your equipment 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 and receives full approval, the vendor may begin selling its approved credit card equipment to taxicab affiliations/medallion owners.

**► Information for Affiliations and Taxicab Medallion License Holders for Pilot programs for Credit Card Processing Equipment:**

Licenses must first enter into a pilot program before they actually install any credit card processing equipment. The vendor must first be conditionally approved (see above list) by BACP 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 for credit card processing equipment. Please note that each vehicle must have a backup procedure for accepting credit cards in the event that the pilot program equipment malfunctions. Credit card acceptance, processing, and authorization must be conducted in a secure manner in the event. All taxicabs vehicles will go through a full inspection for approved credit card processing equipment at the Public Vehicle Inspection Facility.