Harley-Davidson® Canada National Gift Card Program System Requirements for CardSpot

1. System Requirements

- *Minimum Configuration*
  - PC with 1GHz Intel (Pentium/Celeron) or AMD (K7/Athlon XP) processor
  - Windows Vista or Windows 7
  - (SEE COMPATIBILITY CHART)
  - Windows installer version 4.0 or higher
  - 512MB of RAM
  - 200MB of available hard drive space
  - Two (2) Available USB connections
  - Graphics card capable of 1024X768
  - Monitor capable of 1024X768 resolution
  - USB Receipt Printer, Local or Network Printer

- *System Compatibility*

Operating System	CardSpot®	Epson TM-T88V	Epson TM-T88IV	Local or Network
Windows Vista, 32bit	Compatible	Compatible	Compatible	Compatible
Windows Vista, 64bit	Compatible	Compatible	Not Compatible	Compatible
Windows 7, 32bit	Compatible	Compatible	Compatible	Compatible
Windows 7, 64bit	Compatible	Compatible	Compatible	Compatible

- *Software Requirements*

  - Microsoft Internet Explorer version 8.0 (or higher) or Mozilla Firefox version 4.0 (or higher)
  - Microsoft.Net Framework version 3.5, Service Pack 1 (SP1)

- *Internet Connectivity*

  - DSL, Cable, Modem, T1, or better
  - Outbound TCP/IP connectivity or CardSpot® on port 443 (see below)
  - For clients using wireless networks for Internet connectivity, the transmissions should be encrypted according to Payment Card Industry (PCI) Data Security Standards (DSS). For details of encryption requirements, see Requirement 4.1.1 of the PCI DSS (To find the most current version of the standards document, please visit https://www.pcisecuritystandards.org).
  - Personal Firewall use is recommended to protect these "always-on" Internet connections.

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- *Outbound Connectivity for the CardSpot® Application*
  - o The CardSpot® application requires the ability to make an outbound connection to the Store Financial servers on the TCP ports specified above. Each installation of the CardSpot® application will use the same ports for communication.
  - o It is important that your firewall does not strip unknown HTTP headers as this may prevent proper communication with Store Financial. Please check with your IT department, network administrator, or ISP to ensure proper connectivity is available.

- *Computer Security*

  - o The PC where CardSpot® will be installed must be set up to require unique usernames and complex passwords for all administrative and user access. The following are requirements to support best practice implementations:
  - o User should not use administrative accounts, such as "sa" or "root" for application access to the system.
  - o Administrator should assign strong passwords to default system accounts, and then disable the accounts.
  - o Administrators should not assign group, shared or generic accounts and passwords.
  - o Administrators should configure the system to force users to change their passwords at least every 90 days.
  - o Administrators should require a minimum password length of at least seven characters.
  - o Administrators should configure the system to force passwords containing both numeric and alphabetic characters.
  - o Administrators should limit repeated access attempts by locking out the user ID after not more than six attempts.
  - o Administrators should set the lockout duration to thirty minutes or until administrator enables the User ID.
  - o Administrators should set the login session idle timeout for 15 minutes, and require the user to re-enter the password to activate a new login screen.

2. User Access Requirements

- *Installation and Upgrades for CardSpot® Application*

  - o To install the CardSpot® application or to upgrade in the future, the user must have Administrative access on the computer.
  - o Each employee that will be granted the ability to sell and load value on to a gift card will need to be setup in the system. Include their information on the User Setup Form.