

TECHNICAL

BULLETIN

TECHNICAL BULLETIN: 11-08

DATE: October 28, 2011

SUBJECT: Dispenser Compatibility with New Canadian Polymer Notes

AVAILABILITY: All Authorized Triton Distributors and Third Party Service Providers

This bulletin addresses:	Recommended Implementation is:
Documentation Changes	X Now for all affected units
Hardware Service Issues	All affected units during next service visit
Software Announcements	Optional
X Technical Tips	No implementation required

DESCRIPTION:

With the approach of the rollout of polymer notes in Canada, Triton has been aggressively working with the major dispenser manufacturers and the Canadian government to ensure your ATM fleet will be able to dispense these new notes. This technical bulletin gives the current status for each dispenser's ability to properly dispense polymer notes.

The majority of Triton's dispensers will dispense polymer notes with either no or very simple changes.

However, there are a limited number of dispensers which do not properly dispense polymer notes. This is due to the optical sensors used in these dispensers not being able to detect the clear region used in the polymer notes. Please see Table 1 below for the status of each dispenser's ability to reliably dispense the new notes.

The first polymer denomination to enter use in Canada will be the \$100 note, which launches in mid-November:



The \$50 bill will release in March 2012 and contains similar security features, including the clear window.

Dispenser	Operates with Canadian Poly Currency	Notes
Triton TDM	Yes, with proper rail settings	Requires new cassette rail settings
Talaris miniMech	Yes	<i>No action required</i>
Talaris SDD	Yes	<i>No action required</i>
Talaris NMD50	No	Working with Talaris on solution
Talaris NMD100	Yes	<i>No action required</i>
GenMega SCDU	Yes	<i>No action required</i>
Fujitsu FJ510	No	Working with Fujitsu on solution

Table 1 – Status of Triton Dispenser Used with Canadian Polymer Currency

RECOMMENDATIONS FOR PROPER DISPENSING OF POLYMER NOTES:

For All Dispensers – the Canadian polymer bank notes contain Braille embossing. When the polymer bank notes are stacked in the same orientation, the embossing will make one side of the note stack appear “thicker” than the other. The difference in thickness may result in poor note pick and note skewing problems in every dispenser. It is highly recommended that when loading cassettes, the polymer notes be placed in a different orientation in every bundle of 50 notes:



Place Polymer Notes in Different Orientations Every 50 Notes

TDM Series – to avoid having the polymer note’s clear panel travel under the TDM’s optical sensors, place the cassette rails at setting ‘E’ for both the right and left rails.

Talaris NMD50 – Triton is actively working with Talaris on a solution for this dispenser. Triton will release another Tech Bulletin advising customers once a solution is approved. Triton recommends using smaller denominations of paper currencies until a solution is available.

Fujitsu FJ510 – Triton is actively working with Fujitsu on a solution for this dispenser. Triton will release another Tech Bulletin advising customers once a solution is approved. Triton recommends using smaller denominations of paper currencies until a solution is available.

If you have any questions, please contact Technical Support or our Parts Department at 1-901-248-6047 from outside North America or toll free in the U.S./ Canada 1-800-259-6672.