

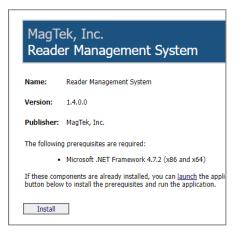
### **Quick Installation Guide**

Firmware and EMV Update

The purpose of this document is to walk users through the steps to update MagTek tDynamo (Gen II) through USB with the latest firmware, EMV tags, and CAPK files as required by the Card Brands. This process requires the use of MagTek's free **Reader Management System** application. This update process should take less than 15 minutes per device.

1. Download and install the MagTek **Reader Management System (RMS)** Windows application. Accessed here:

https://paoli.magensa.net/ReaderSupport/Firmware UpdateClient/publish.htm



2. Connect the USB cable to the tDynamo and the Windows device's USB port.

3. Launch the **Reader Management System** program located under the **[MagTek, Inc]** folder in the **[Start]** menu.

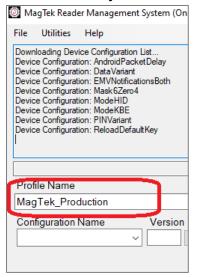
MagTek, Inc ^
DynaPro EMV Configuration
MagTek Reader Configuration Progr
Reader Management System
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4A. If you haven't received a custom a **WebAPI Key**, then go to Step 5 (most common). If you have received a custom **WebAPI** and **Profile** from MagTek, then click on Utilities and click on **WebAPI...** 

Configure the **WebAPI key**. Click **OK** button

WebAPI Key		$\times$
WebAPI Key:	55-4AA0-AD58-5	3C33FBBB4A8
MTPublic-AEECD44A-87	OK	Cancel

## 4B. Configure the custom **Profile** that came with the **WebAPI Key**.

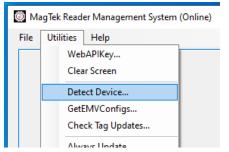


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Please note that the use of this accessory with an Apple product may affect wireless performance. Apple Payel, 05, 208, Phone%, IPad Jri%, IPad



#### 5. Click on [Utilities] then [Detect Device...].



#### 6. Click the [Update] button.

🔯 MagTek Reader Management System (Online)	-		×
File Utilities Help			
Getting EMV Tag Configuration 5 : Discover10DB Getting information from the connected reader, please stand by Getting Pimware Info : 000D31303030303037313639453000 (1000007169 Getting UK :	E0)		^
001+23534304143300373133323341410090145008540AC00000061C Getmay GSN - 000642354430414330037313332334141(8540AC007132) Getmay DSN - 000F42354430414330037313332334141(8540AC007132) Getmay MUT - 002442353430414330037313332334141004D534348505244303031257 4	3AA)		13
Detecting Device			
Profile Name	_		_
MagTek_Production		Update	
Configuration Name Version		Exit	

# 7. If **RMS** detects a firmware update is available, then click **[Yes]**.

Do you want to update the Main firmware? FW1000007169 G0 Enhancements and Features o General enhancements o Updated data handling o Updated transaction handling during low battery	
Enhancements and Features o General enhancements o Updated data handling	
o General enhancements o Updated data handling	
o Updated data handling	
FW1000007169 E0 Released 2023-01-30	
<ol> <li>Added DF49, DF4A and Extended command to read the overall checksum for the Tags and CAPKs.</li> </ol>	
2. Tag 8A was added to the report for the transaction result of Paypass.	
3. Tag 9F39 was added to the report in the ARQC of Paypass.	
<ol><li>When fallback occurs, Tag 9F39 was added to 0x80.</li></ol>	
5. Fixed an issue with Language Selection so it is available with a Chip	
Transaction. 6. Improved battery reading accuracy by averaging voltage data from	
multiple batteries.	
7. Aligned the configured charging voltage as cutoff voltage so the	
Battery can reach 100%.	
<ol> <li>Added Command 0x72 and Property 0x76 to change the charging behavior of the battery.</li> </ol>	
9. Reduced the baud rate to 115200 between MCU & BLE module for	
improving the stability of UART and reducing BLE Disconnect.	
10.Added BLE reset feature when the BLE module is not functioning properly.	
Yes No	

8. If needed, **RMS** will update CAPK files and EMV tags automatically. The log will display [ALL Done!]. Click [Exit]

ð M	agTek Read	er Managem	ent System (Online)	-	
File	Utilities	Help			
The i Main Gettir Gettir Gettir	firmware upo ng EMV Tag ng EMV Tag ng EMV Tag ng EMV Tag	firmware is or late was skipp Configuration Configuration Configuration	1 : MAGTEKDEFAULT 2 : Paypass30DB 3 : payWave213DB		~
Gettin Magi No C Amex Disco This Gettin Chec	ng EMV Tag Tek Default ( erCard PayP Configuration k ExpressPay over Tags Co device has E ng BLE Firm sking (Online)	Configuration Contact Tags ( ass Tags Configuration is u nfiguration is u eLE firmware vare Info : 001 for BLE firmw	001010031303030303033363833433000 (1000003 are update	9683C0)	
Total Then Then	l time was 00 e were 0 Cor e were 0 Ser	:04:43.034916 imands Proce id Command F	3 ssed etries		
AI D	one!	ended Comma 9:30.3368678			
	file Name				ndata
Mag	tile Name gTekTest nfiguration	Name	Version	U	pdate