

Wedget

Magensa Application Installation and Operation Manual



November 2019

Document Part Number: D998200335-11

REGISTERED TO ISO 9001:2015

Copyright © 2006 - 2019 MagTek, Inc. Printed in the United States of America

INFORMATION IN THIS PUBLICATION IS SUBJECT TO CHANGE WITHOUT NOTICE AND MAY CONTAIN TECHNICAL INACCURACIES OR GRAPHICAL DISCREPANCIES. CHANGES OR IMPROVEMENTS MADE TO THIS PRODUCT WILL BE UPDATED IN THE NEXT PUBLICATION RELEASE. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, FOR ANY PURPOSE, WITHOUT THE EXPRESS WRITTEN PERMISSION OF MAGTEK, INC.

MagTek® is a registered trademark of MagTek, Inc.

MagnePrint® is a registered trademark of MagTek, Inc.

MagensaTM is a trademark of MagTek, Inc.

MagneSafe® is a registered trademark of MagTek, Inc.

DynaPro™ and DynaPro Mini™, are trademarks of MagTek, Inc.

ExpressCard 2000™ is a trademark of MagTek, Inc.

IPAD® is a trademark of MagTek, Inc.

IntelliStripe® is a registered trademark of MagTek, Inc.

AAMVATM is a trademark of AAMVA.

American Express® and EXPRESSPAY FROM AMERICAN EXPRESS® are registered trademarks of American Express Marketing & Development Corp.

D-PAYMENT APPLICATION SPECIFICATION® is a registered trademark to Discover Financial Services CORPORATION

MasterCard® is a registered trademark and PayPassTM and Tap & GoTM are trademarks of MasterCard International Incorporated.

Visa® and Visa payWave® are registered trademarks of Visa International Service Association.

MAS-CON® is a registered trademark of Pancon Corporation.

Molex® is a registered trademark and PicoBladeTM is a trademark of Molex, its affiliates, related companies, licensors, and/or joint venture partners

ANSI®, the ANSI logo, and numerous other identifiers containing "ANSI" are registered trademarks, service marks, and accreditation marks of the American National Standards Institute (ANSI). EMVCoTM and EMVTM are trademarks of EMVCo and its licensors.

ISO® is a registered trademark of the International Organization for Standardization.

PCI Security Standards Council® is a registered trademark of the PCI Security Standards Council, LLC. ULTM and the UL logo are trademarks of UL LLC.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by MagTek is under license.

Google Play™ store and Android™ platform are trademarks of Google Inc.

Apple Pay®, iPhone®, iPod®, Mac®, and OS X® are registered trademarks of Apple Inc., registered in the U.S. and other countries. $iPad^{TM}$ is a trademark of Apple. Inc. App StoreSM is a service mark of Apple Inc., registered in the U.S. and other countries. IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used by Apple Inc. under license.

Microsoft®, Windows®, and .NET® are registered trademarks of Microsoft Corporation.

All other system names and product names are the property of their respective owners.

Table 0-1 - Revisions

Rev Number	Date	Notes
10	9/20/2019	Initial Release
11	11/20/2019	Updated Section 6 and the Examples of HTML input

Purpose of this document

The purpose of this document is to provide an overview of how to install and operate the Magensa Wedget application on both iOS and Android operating systems.

SOFTWARE LICENSE AGREEMENT

IMPORTANT: YOU SHOULD CAREFULLY READ ALL THE TERMS, CONDITIONS AND RESTRICTIONS OF THIS LICENSE AGREEMENT BEFORE INSTALLING THE SOFTWARE PACKAGE. YOUR INSTALLATION OF THE SOFTWARE PACKAGE PRESUMES YOUR ACCEPTANCE OF THE TERMS, CONDITIONS, AND RESTRICTIONS CONTAINED IN THIS AGREEMENT. IF YOU DO NOT AGREE WITH THESE TERMS, CONDITIONS, AND RESTRICTIONS, PROMPTLY RETURN THE SOFTWARE PACKAGE AND ASSOCIATED DOCUMENTATION TO THE ADDRESS ON THE FRONT PAGE OF THIS DOCUMENT, ATTENTION: CUSTOMER SUPPORT.

TERMS, CONDITIONS, AND RESTRICTIONS

MagTek, Incorporated (the "Licensor") owns and has the right to distribute the described software and documentation, collectively referred to as the "Software."

LICENSE: Licensor grants you (the "Licensee") the right to use the Software in conjunction with MagTek products. LICENSEE MAY NOT COPY, MODIFY, OR TRANSFER THE SOFTWARE IN WHOLE OR IN PART EXCEPT AS EXPRESSLY PROVIDED IN THIS AGREEMENT. Licensee may not decompile, disassemble, or in any other manner attempt to reverse engineer the Software. Licensee shall not tamper with, bypass, or alter any security features of the software or attempt to do so.

TRANSFER: Licensee may not transfer the Software or license to the Software to another party without the prior written authorization of the Licensor. If Licensee transfers the Software without authorization, all rights granted under this Agreement are automatically terminated.

COPYRIGHT: The Software is copyrighted. Licensee may not copy the Software except for archival purposes or to load for execution purposes. All other copies of the Software are in violation of this Agreement.

TERM: This Agreement is in effect as long as Licensee continues the use of the Software. The Licensor also reserves the right to terminate this Agreement if Licensee fails to comply with any of the terms, conditions, or restrictions contained herein. Should Licensor terminate this Agreement due to Licensee's failure to comply, Licensee agrees to return the Software to Licensor. Receipt of returned Software by the Licensor shall mark the termination.

LIMITED WARRANTY: Licensor warrants to the Licensee that the disk(s) or other media on which the Software is recorded are free from defects in material or workmanship under normal use.

THE SOFTWARE IS PROVIDED AS IS. LICENSOR MAKES NO OTHER WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Because of the diversity of conditions and PC hardware under which the Software may be used, Licensor does not warrant that the Software will meet Licensee specifications or that the operation of the Software will be uninterrupted or free of errors.

IN NO EVENT WILL LICENSOR BE LIABLE FOR ANY DAMAGES, INCLUDING ANY LOST PROFITS, LOST SAVINGS, OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE, OR INABILITY TO USE, THE SOFTWARE. Licensee's sole remedy in the event of a defect in material or workmanship is expressly limited to replacement of the Software disk(s) if applicable.

GOVERNING LAW: If any provision of this Agreement is found to be unlawful, void, or unenforceable, that provision shall be removed from consideration under this Agreement and will not affect the enforceability of any of the remaining provisions. This Agreement shall be governed by the laws of the State of California and shall inure to the benefit of MagTek, Incorporated, its successors or assigns.

ACKNOWLEDGMENT: LICENSEE ACKNOWLEDGES THAT HE HAS READ THIS AGREEMENT, UNDERSTANDS ALL OF ITS TERMS, CONDITIONS, AND RESTRICTIONS, AND AGREES TO BE BOUND BY THEM. LICENSEE ALSO AGREES THAT THIS AGREEMENT SUPERSEDES ANY AND ALL VERBAL AND WRITTEN COMMUNICATIONS BETWEEN LICENSOR AND LICENSEE OR THEIR ASSIGNS RELATING TO THE SUBJECT MATTER OF THIS AGREEMENT.

QUESTIONS REGARDING THIS AGREEMENT SHOULD BE ADDRESSED IN WRITING TO MAGTEK, INCORPORATED, ATTENTION: CUSTOMER SUPPORT, AT THE ADDRESS LISTED IN THIS DOCUMENT, OR E-MAILED TO SUPPORT@MAGTEK.COM.

Table of Contents

S	OFTWA	ARE LICENSE AGREEMENT	4	
Tá	able of	Contents	6	
1	Ove	erview	7	
	1.1	Features:	7	
2	Dov	wnload and Install Wedget	8	
3	Con	nfigure Wedget	8	
	3.1	Choose a MagneSafe Reader	10	
	3.2	Magensa Whitelist Database	13	
4	Usir	ng Wedget to Read/Acquire Card Data	14	
	4.1	Keyboard Designs	14	
	4.2	Keyboard icons	14	
	4.3	Create a text box	15	
5	Test	t Wedget	16	
6	Examples of HTML input20			
7	Exa	mples of Payload Data	20	
	7.1	Card Swipe/Manual Entry data:	20	
	7.1.	.1 Input	20	
	7.1.	2 Output	20	
	7.2	EMV Data:	21	
	7.2.	.1 Input	21	
	7.2.	.2 Output	21	
E	rror Res	esponse	22	
8	Frequently Asked Questions (FAQs)2			

1 Overview

Wedget™ is a developer tool/keyboard extension to simplify card data acquisition for mobile browsers and native applications for MagneSafe® secure card reader authenticators (SCRAs). The extension eliminates the need for complicated programming with SDKs making it simple to securely capture and process sensitive payment and ID card data.

For Contact EMV, Contactless EMV/NFC payments, Wedget and the configured MagneSafe device utilize MagTek's QwickDip technology. QwickDip was developed to support Quick Chip, M/Chip Fast, AMEX Quick Chip and Discover Quick Chip. It leverages a simplified transaction process, making it twice as fast as standard chip card transactions, but still delivers all of the security.

1.1 Features:

- Support for iOS (11.0 or newer) and Android (6.0 or newer)
- Reads Magnetic stripe data
- Reads Contact EMV data
- Reads Contactless EMV/NFC data
- Secures manually entered card/PAN data (DynaPro PED devices only)

2 Download and Install Wedget

Go to the App store or Google Play and download Wedget



3 Configure Wedget

Launch Wedget and follow the onscreen directions.

- iOS (11.0 or newer) users tap on App Store icon on the main screen of your mobile device.
- Android (6.0 or newer) users tap on the Google Play icon on the main screen of your mobile device.
- Launch Wedget

iOS



Android

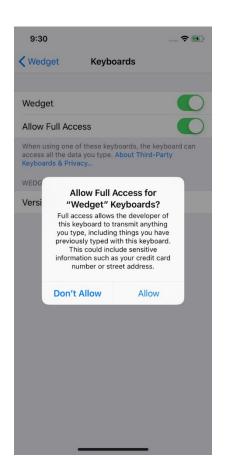


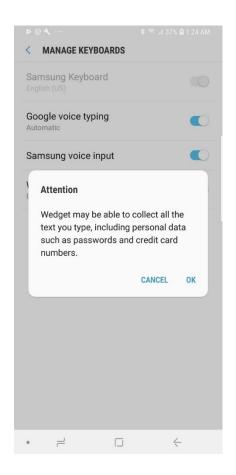
Note: Some screen shots shown throughout this document may vary slightly in appearance between iOS and Android. Any differences in application functionality between iOS and Android will be shown.

Example – The MagneSafe Reader Lists are different between iOS and Android since some devices have an Apple Lightning interface which is not supported by Android devices.

For iOS, allow **Full Access**. This is used to communicate with MagneSafe readers. For Android, **enable** Wedget. This is used to communicate with MagneSafe readers.

iOS Android





3.1 Choose a MagneSafe Reader

Select a MagneSafe reader.

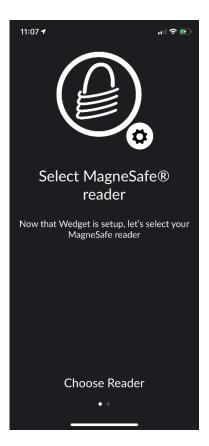
iOS (11.0 or newer)

- eDynamo (Bluetooth LE EMV/MSR Device)
- tDynamo (Bluetooth LE EMV/MSR/Contactless Device)
- iDynamo/cDynamo (Lightning MSR Device)
- kDynamo (Lightning EMV/MSR/Contactless Device)
- DynaPro Go (802.11 Wireless, Bluetooth LE EMV/MSR/Contactless PED Device)
- DynaPro Mini (Bluetooth LE EMV/MSR PED Device)
- DynaPro (Ethernet EMV/MSR/Contactless PED Device)

Android (6.0 or newer)

- eDynamo (Bluetooth LE EMV/MSR Device)
- tDynamo (Bluetooth LE EMV/MSR/Contactless Device)
- DynaPro Go (802.11 Wireless, Bluetooth LE EMV/MSR/Contactless PED Device)
- DynaPro Mini (Bluetooth LE EMV/MSR PED Device)
- DynaPro (Ethernet EMV/MSR/Contactless PED Device)

Note: In order to use Wedget, the MagneSafe Reader MUST be added to the Magensa Whitelist database. See <u>Section 3.2</u> for more information.

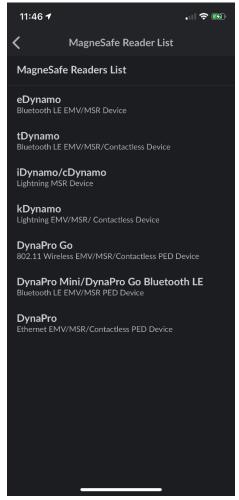


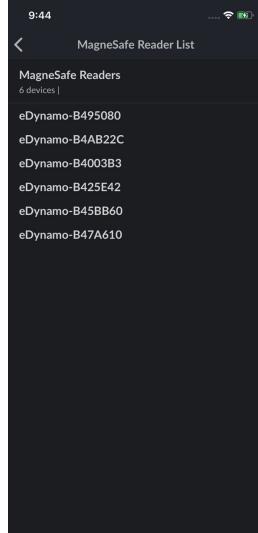
Select the New Device from the list. Note, the setup screen for each reader type may be different depending on its communications interface (ie – Bluetooth LE, Lightning, 802.11 Wireless or Ethernet). Your New Device can have a **Device Name**, if desired, for easy identification. The device marked "**Set as Default**" will be the device Wedget will attempt to use for a given transaction.

Make sure to press the **Save** button before exiting the Add New Device Screen.

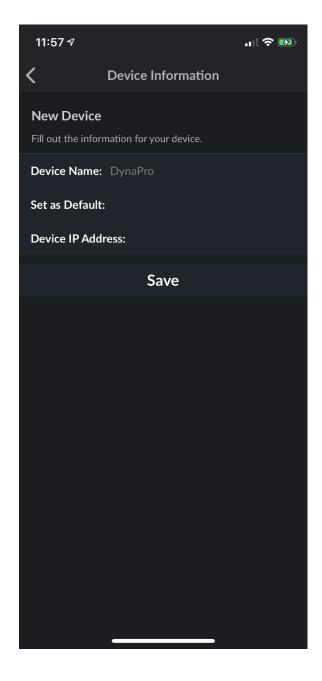
If the desired device is a Bluetooth LE device, such as eDynamo, tDynamo or DynaPro Mini, you will see a listing of devices in pairing mode. Select the desired device, give it a Device Name, Set as default and Press Save.

DynaPro Go Device Info









DynaPro Go and DynaPro have additional attributes such as **Device IP Address**. DynaPro Go also has a button to enable "**Use TLS**" (This is TLS 1.2 and applies to DynaPro Go only).

Make sure to press the **Save** button before exiting the Add New Device Screen.

3.2 Magensa Whitelist Database

Wedget **REQUIRES** that the chosen MagneSafe Reader be added to the Magensa Whitelist database.

If the MagneSafe Reader is NOT found in the Whitelist's database, the Wedget user will see the following message when attempting to **SELECT** and **SAVE** a specific MagneSafe Reader:

"Uh oh! We can't seem to find your MagTek reader in our database. Please contact your Merchant Service Provider with your reader's serial number to complete the registration process."

This message indicates that the MagneSafe Reader has not been whitelisted to use Wedget. To add a reader, please contact the Merchant Service Provider and have them email wedget@magensa.net with the reader's serial number and their MagTek/Magensa Customer Code.

If you are a Merchant Service Provider that purchased the reader directly from MagTek, please contact your MagTek representative with the reader's serial number, as well as your MagTek/Magensa Customer Code.

4 Using Wedget to Read/Acquire Card Data

4.1 Keyboard Designs

Wedget can be installed onto iOS or Android devices. Due to the differences between the two operating systems and their respective UI standards, the Wedget Keyboard will look different between iOS and Android. Wherever possible, Wedget's primary functionality is consistent between the operating systems. Below are examples of Wedget's iOS and Android Keyboards.

iOS







4.2 Keyboard icons

After Wedget is installed and configured on the mobile device, you can use Wedget's keyboard icons to manually initiate a read function:

Note: Read functions are based on Default device's capabilities.

a. Read a Magnetic Stripe



b. Read an EMV card (contact, contactless or NFC)



c. Manually enter card/PAN data into a configured DynaPro PED device.



4.3 Create a text box

For a more automated solution, application developers simply need to create a text box at a logical point in their application workflow with a label such as "Pay" or "Credit Card." Depending on what data is to be captured (magstripe, EMV or manually entered card/PAN data), the developer will insert the input value for the text box where the data is to be inserted:

- d. [SWIPE CARD] to arm the reader for a card swipe
- e. [REQUEST EMV] to arm the reader for a Dip or a Tap
- f. [START TRANSACTION] to arm the reader for swipe, dip or tap
- g. [SECURE MANUAL ENTRY] to arm the DynaPro PED device for manually entering card/PAN data.

Pressing or tapping the text box will initiate a connection to the configured MagneSafe device for the desired action request (ie. Swipe, Dip, Tap or Manual Entry).

The target application needs to monitor the text box for a carriage return which will deliver the encrypted card data/payload from the reader. Wedget has completed its task at this point - the encrypted card data/payload is parsed by the target application into a JSON format and can be passed along to MagTek's Magensa Services for processing.

5 Test Wedget

Wedget has a built-in test function ("Test Wedget") to confirm the MagneSafe reader works, responds to the requested read function and outputs the card data payload. In order to trigger an automatic read function when the Wedget keyboard is open, the following words need to be set as the input value for the text box where the data is to be inserted:

[SWIPE CARD]

Will arm the "Default device" for a read using only the magnetic read head (MSR).

[REQUEST EMV]

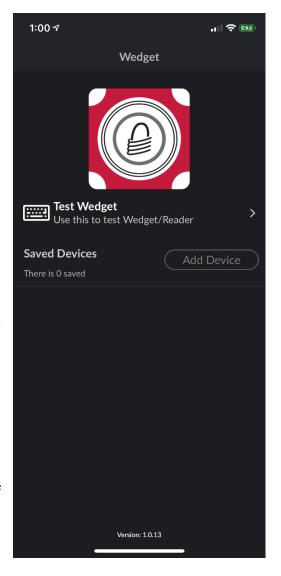
Will arm the "Default device" for a read using Dip or Tap.

[START TRANSACTION]

Will arm the "Default device" for a read using up to all 3 read capabilities, depending on the "Default device" and its capabilities.

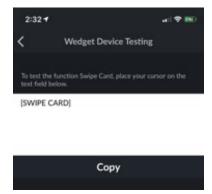
[REQUEST SECURE ENTRY]

Will arm the "Default device" for a Secure Manual Entry of card/PAN data using a DynaPro PED device.



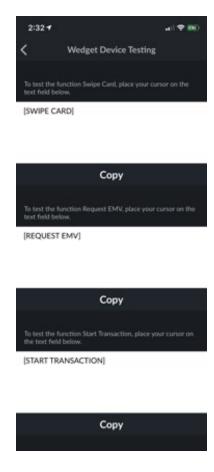
This is the Test Wedget screen when the "Default device" is:

- iDynamo (iOS only. Does not apply to Android)
- cDynamo (iOS only. Does not apply to Android)



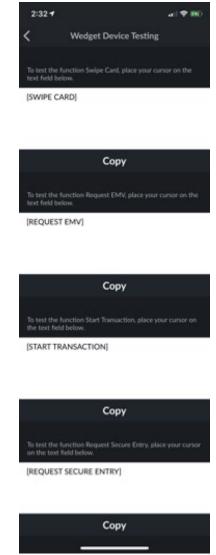
This is the Test Wedget screen when the "Default device" is:

- iDynamo (iOS only. Does not apply to Android)
- cDynamo (iOS only. Does not apply to Android)
- eDynamo
- tDynamo
- kDynamo (iOS only. Does not apply to Android)



This is the Test Wedget screen when the "Default device" is:

- iDynamo (iOS only. Does not apply to Android)
- cDynamo (iOS only. Does not apply to Android)
- eDynamo
- tDynamo
- kDynamo (iOS only. Does not apply to Android)
- DynaPro Go
- DynaPro Mini
- DynaPro



6 Examples of HTML input

7 Examples of Payload Data

Wedget returns data by inserting text into an input box using JSON format. Each transaction will have a payload object that contains transaction data and a payload type with either MSR or EMV data unless there is an error. Wedget will add a carriage return at the end of the payload.

7.1 Card Swipe/Manual Entry data:

```
7.1.1 Input
<input type="text" id="card-data" value="[SWIPE CARD]">
<input type="text" id="card-data" value="[REQUEST SECURE ENTRY]">
                       7.1.2 Output
     "pavLoad":{
          "maskedTrack3":"",
         "cardExpDate":"3012",
         "encryptedMagneprint": "ED05190B5B9D692BDD63D8D8D91F4587C8ED70877762326A29FDBC
9A8BE1F3F8A8A2C4AF55200181A21A3CEAF4507CDAA724A0DA2CDAF30A",
          "encryptedTrack3":"",
         "panLast4":"1111",
         "cardTrackStatus":"000001",
          "encryptedTrack2":"E5D505A60A4F9E79038BD6AC4AD2BB7B2530C4BF5E52A126E9AE1A485
9E1968A5EA27982F3C8157B",
          "maskedPAN":"4111110009001111",
         "magneprintStatus":"00000200",
         "deviceSerialNumber": "992D9868180E0F10",
          "tlvData": "FA820159DFDF251039393244393836383138304530463130F4820141DFDF300100DFD" and the second of the second 
F313925423431313131303030393030313131315E20202020205E33303132303030303030303030303
```

 BD6AC4AD2BB7B2530C4BF5E52A126E9AE1A4859E1968A5EA27982F3C8157BDFDF3B00DFDF3C38ED05190B5B9D692BDD63D8D8D91F4587C8ED70877762326A29FDBC9A8BE1F3F8A8A2C4AF55200181A21A3CEAF4507CDAA724A0DA2CDAF30ADFDF430400000200DFDF500A9500020001E5E320017C",

7.2 EMV Data:

7.2.1 Input

"transactionType":"MSR"

```
<input type="text" id="card-data" value="[REQUEST EMV]">
<input type="text" id="card-data" value="[START TRANSACTION]">
```

7.2.2 Output

"payLoad":{

"sredData":"871CBE2DB1A9844697BE8E78413E23419258DC932D974EA7154CC13CD27A07C8 B0855665DA3287D371329ADB72A9C65E0640B43E9897F360C59B7B2EB8C03CD5DF9A94695CD2 164F7F355C85880AE8C8785EF7434FB0C5DEF1F90DDFCD252BC05ACD4F4C36B21255171EBC5 E668ABB8C43383367DC0884643883022EFB7E1E39EAE1B4092EA84179B88F18B77EC62B5A952D B02DC6B72EBDFFCA5521722766AE4112A4DC5A3F82BA23E24BF8697153D7B53A681B3448201 C0F44447537047754C6C61020513E22454B76A53CA35182127A1449EB0A05B25D5D6A4D4E65D4 187BF4BA23E193F355C88895959A1AFA781E8B04135C3AE6B2FC637F0383B5A7E453", "cardHolderName":"",

"batchData":"01cdf98201c9dfdf540a9500020001e5e320017ddfdf550182dfdf2508992d9868180e0f10 fa8201a6f08201a2f105dfdf1a0101f882011edfdf59820100871cbe2db1a9844697be8e78413e23419258dc9 32d974ea7154cc13cd27a07c8b0855665da3287d371329adb72a9c65e0640b43e9897f360c59b7b2eb8c03c d5df9a94695cd2164f7f355c85880ae8c8785ee7434fb0c5def1f90ddfcd252bc05acd4f4c36b21255171ebc5 e668abb8c43383367dc0884643883022efb7e1e39eae1b4092ea84179b88f18b77ec62b5a952db02dc6b72e bdffca5521722766ae4112a4dc5a3f82ba23e24bf8697153d7b53a681b3448201c0f44447537047754c6c610

```
"deviceKSN":"9500020001E5E320017D"
},
"errorCode":"0",
"transactionType":"EMV"
}
```

Error Response

{"errorMessage":"Transaction canceled by user","errorCode":205}

Wedget returns data by inserting text into an input box using JSON format. Each transaction will have a payload object that contains transaction data and a payload type with either MSR or EMV data unless there is an error. Wedget will add a carriage return at the end of the payload.

Table 1.0: Error Codes

Error Code	Code Type
0	Okay
100	Keyboard Error Domain
101	No full access granted
200	Device Error Domain
201	No Default Device
202	Device Connection Timed Out
203	Device Request Timed Out
204	Device Not Paired
205	Transaction canceled by user
206	Transaction already in progress
207	Function Not supported on device
208	Device disconnected
209	Device have insufficient battery
210	Card Swipe Timed Out
211	Device Option Not Supported
212	Device Not Enabled
213	Device Not Authorized
299	Device Error Unknown

8 Frequently Asked Questions (FAQs)

Q: What is Wedget?

A: Wedget is a developer tool/extension to simplify card data acquisition for mobile browsers and native applications for MagneSafe® secure card reader authenticators (SCRAs).

Q: What operating systems support Wedget?

A: iOS 11.0 or newer and Android 6.0 or newer.

Q: What readers work with Wedget?

A:

iOS (11.0 or newer)

- eDynamo (Bluetooth LE EMV/MSR Device)
- tDynamo (Bluetooth LE EMV/MSR/Contactless Device)
- iDynamo/cDynamo (Lightning MSR Device)
- kDynamo (Lightning EMV/MSR/Contactless Device)
- DynaPro Go (802.11 Wireless, Bluetooth LE EMV/MSR/Contactless PED Device)
- DynaPro Mini (Bluetooth LE EMV/MSR PED Device)
- DynaPro (Ethernet EMV/MSR/Contactless PED Device)

Android (6.0 or newer)

- eDynamo (Bluetooth LE EMV/MSR Device)
- tDynamo (Bluetooth LE EMV/MSR/Contactless Device)
- DynaPro Go (802.11 Wireless, Bluetooth LE EMV/MSR/Contactless PED Device)
- DynaPro Mini (Bluetooth LE EMV/MSR PED Device)
- DynaPro (Ethernet EMV/MSR/Contactless PED Device)

Q: How do readers get added to the Magensa Whitelist?

A: To add a reader, please contact the Merchant Service Provider and have them email wedget@magensa.net with the reader's serial number and their MagTek/Magensa Customer Code.

Q: How is the card data secured?

A: Card data captured by Wedget is secured by the MagneSafe Security Architecture (MSA).

Q: What is the MagneSafe Security Architecture (MSA)?

A: The MagneSafe Security Architecture (MSA) is a digital identification and authentication architecture that safeguards consumers and their personal data. Designed to exceed PCI regulations, MSA leverages strong encryption, secure tokenization, counterfeit detection, tamper recognition, data relevance and integrity, and dynamic digital transaction signatures, which together validate and protect the entire transaction and each of its components. A key feature of the MSA is MagnePrint® card authentication, a patented, proven technology which reliably identifies counterfeit credit cards, debit cards, gift cards, ATM cards and ID cards at the point of swipe, before fraud occurs. MSA's multi-layer security provides unmatched protection and flexibility for safer online transactions.

Q: Which Magensa Services Support Wedget?

A: Decrypt and Forward (DAF), Magensa Payment Protection Gateway (MPPG), and Decrypt.

Q: Does Wedget support MagTek's audio jack readers?

A: Wedget does not work with aDynamo or uDynamo.

Q: Can I use Wedget with a physical keyboard attached to my iOS or Android device?

A: No, a physical keyboard overrides the soft keyboard utility which Wedget leverages.

Q: Is there a minimum character size the text box should be programmed to accept?

A: A typical payment transaction payload size can be as many as 4000 characters depending on the type of read function used.

Q: Does Wedget log keystrokes during its use for payments or other?

A: No, keystrokes never actually leave the phone/tablet and as a result, are never logged or stored by MagTek.