

# Anigma Security Keyboard Brief

Phones and laptops are  
**fundamentally insecure,**  
*at scale and over time.*

**Remote work and travel**  
expose companies to  
these risks.

**LastPass security breach was worse than you've heard. Here's what to do.**

By [Hiawatha Bray](#) Globe Staff, Updated January 9, 2023, 2:54 p.m.



**WhatsApp data leaked - 500 million user records for sale online**



[Jurgita Lapienyte](#), Chief Editor Updated on: 13 December 2022

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**Apple fixes 'actively exploited' zero-day security vulnerability affecting most iPhones**

[Zack Whittaker](#) @zackwhittaker / 1:45 PM CST • December 13, 2022





**Sidestep the complexity.**  
But work *with* the end-point device.

Custom solution, from the hardware up, **US made.**

Keep key security functions **outside the end-point device,** but still usable.

## Anigma SCI Keyboard



Desktop



Tablet case



Mobile

## Overview

- Truly secure **authentication** and encrypted **messaging**.
- Works with any host (phones, laptops, PCs).
- True, hardware, end-to-end encryption.

## Works as normal USB or wireless keyboard.

- Connects to *any host* that accepts keyboards (*phones, tablets, laptops, PCs, etc.*)
- Works with existing operating systems. (*No special apps or drivers*).
- High quality mechanical keyboard to improve daily driving experience.

## Internal encryption and data store, isolated from the host.

- Data encrypted at rest, decrypted on-use by passphrase (*theft/loss protection*)
- Standards-based, open-source cryptography. (*LibHydrogen, Curve25519, OTP, etc*).
- Internal hardware true random number generator with post processing.

## Password Manager and MFA engine.

- Optional browser extension, detects domain (*phishing attack mitigation*)
- Password vault *not accessible by host*. (*or third-party "Cloud"*).
- Encrypted, file-based back-up and imports (*any back-up service, multi-device sync*).
- *A hacked host does not leak entire vault and MFA token store.*

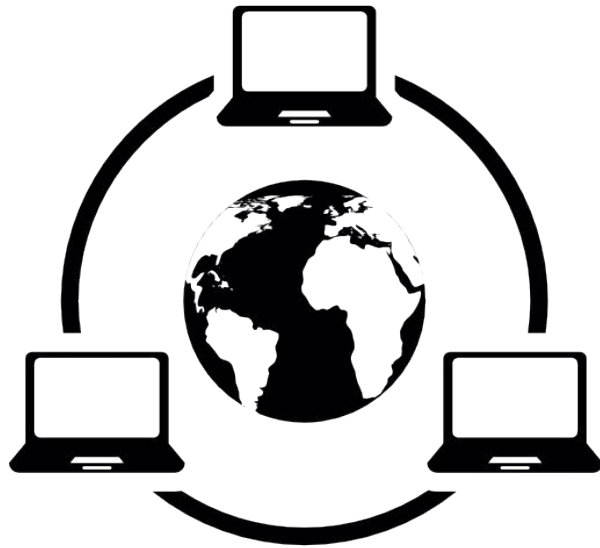
## Encrypt short messages.

- Encryption key and plain text never leave Anigma (*invisible to a hacked host*).
- Encrypted message outputs as keyboard “typed” text. (*Example: UQCXD7D1mA352UNn0VgedaPhAd2s8ss=* ).
- Can be “typed” into any app or document (*email, Word doc, SMS, Twitter, et al*).



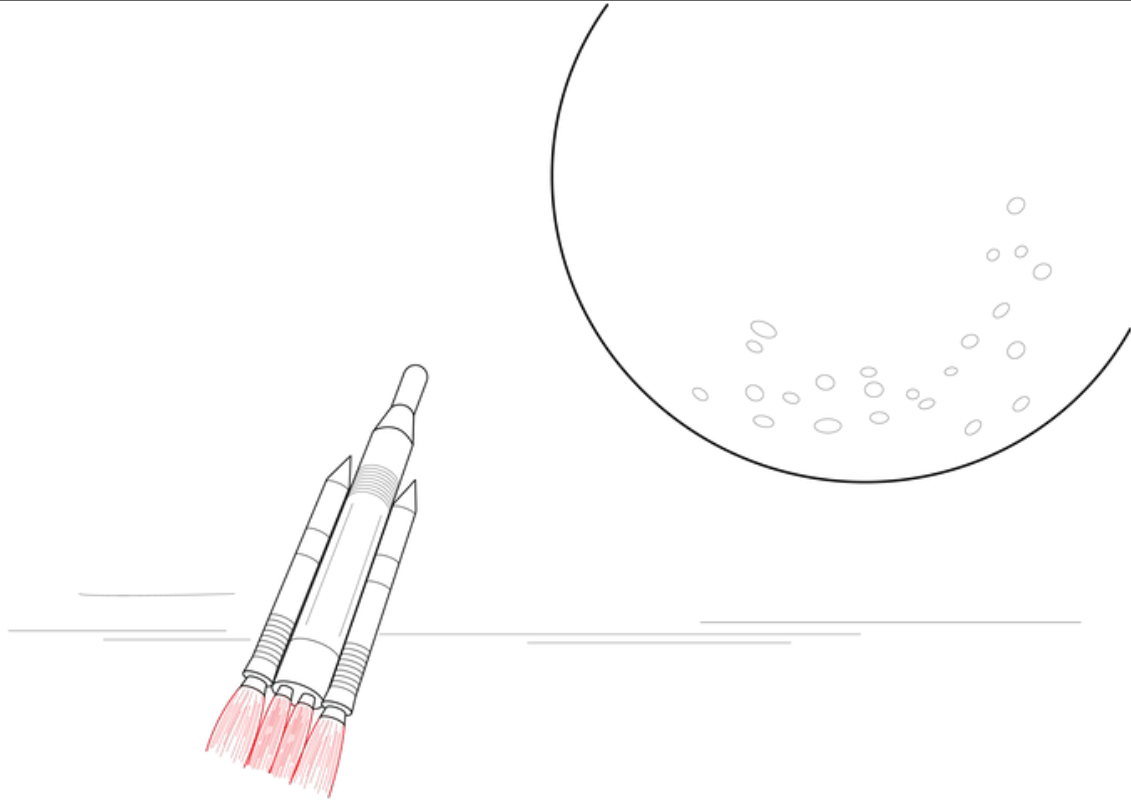
## Decrypt, read messages on internal display.

- *True end-to-end hardware-encrypted communications.*
- Encryption key and message text never leave Anigma (*invisible to hacked host*).
- Message is wiped from Anigma memory when finished reading.



## Commercial Services

- Enterprise Integration Gateway
- Cloud back-ups
- Third-party integration
- Training & customization



Questions?

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