

UGrokkit[®]

smartphone RFID™

the technology

the brains

Your smartphone has the smarts. It is already in your pocket with a really nice screen. Plus it connects to the cloud.

the data

Apps (existing or custom) provide the interface to work with data and items in real time at the point of "contact."

the link

Connect via the audio port. Every smartphone has one and it is quick and easy to use.

the tags

U Grok It reads and writes all standard RAIN (UHF Gen 2) tags, including most advanced features.

the low cost

These tags have been optimized by the supply chain, so they are inexpensive enough to tag all your items.

the power

The tags don't have batteries and never need to be charged or replace. This is where the magic happens. They are mostly antenna with a tiny chip that draws its power from the radio signal of the Grokker, reflecting back a slightly modified signal that conveys the unique 96-bit number. How cool is that?

the cloud

Secure data storage and management in the cloud.

the brawn

U Grok It's engine is the Grokker that attaches to your smartphone, providing the power to write a unique 96-bit number on each tag and then search for and find those tags in a six to ten foot range.

the proven technology

U Grok It is built on RAIN (UHF Gen 2), which is currently used in the supply chain. It operates on the 902-928MHz (US) and 865-868MHz (EU) frequency.