

UHF : HF RFID : RFID

Which technology should you choose?

RFID has the capability to automate and enhance workflows and improve operational efficiencies, specifically in healthcare and life science organizations. However, there are different types of RFID technologies and their differences affect market adoption and outcomes. As RFID technology continues to evolve at a rapid rate, it is important to consider which form of RFID is appropriate for your **healthcare, life science, dental, or pharmaceutical** applications.

WHAT IS THE DIFFERENCE?

Ultra High Frequency (UHF) RFID

COMMON APPLICATIONS



FREQUENCY 300 KHZ - 3 GHZ



\$ = .05 TO .15 PER TAG

READ RANGE UP TO 40 FEET



DATA TRANSFER RATE
Up to 20x speed of HF

ONE GLOBAL STANDARD



RAIN RFID uses a single global standard: UHF Gen 2 (ISO/IEC 18000-63).

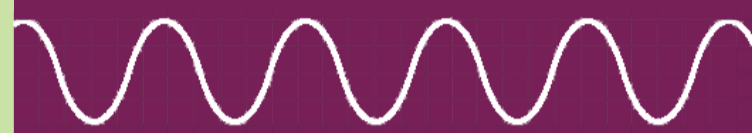


High Frequency (HF) RFID

COMMON APPLICATIONS



FREQUENCY 3 - 30 KHZ



\$ = .50 TO 2.00 PER TAG

READ RANGE UP TO 3 FEET



MANY REGULATORY STANDARDS TO FOLLOW



UHF IS THE FASTEST GROWING SEGMENT OF THE RFID MARKET.

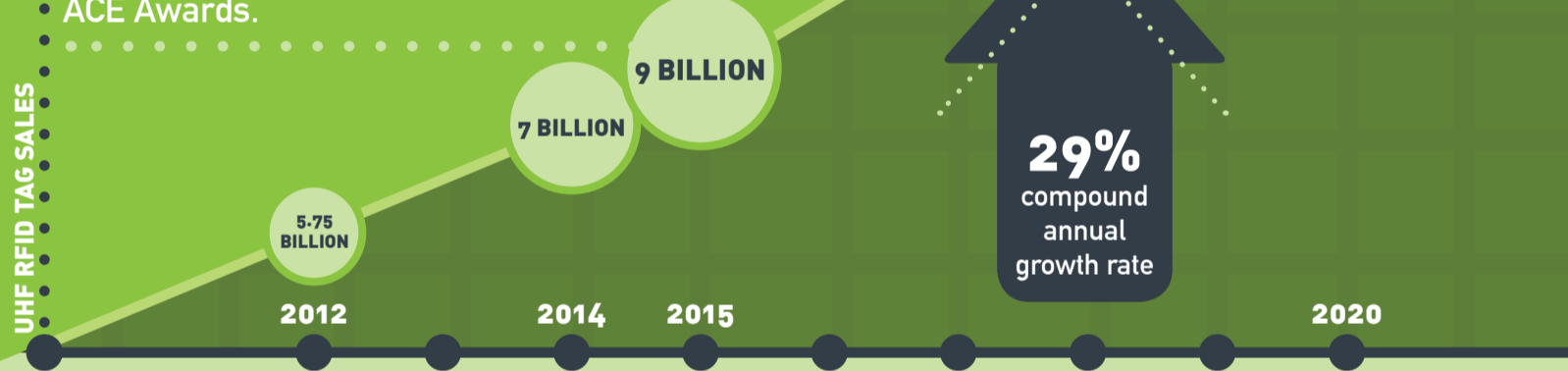
By the year 2020, the estimates show that there will be about

100 billion UHF RFID tags in circulation.

**18.9
BILLION**

RAIN (UHF) RFID tag was named the **Internet of Things 2015 Product of the Year** at the Embedded Systems Conference ACE Awards.

UHF RFID TAG SALES



UHF RFID has been adopted by world leaders:



THE CONSENSUS

Using a UHF RFID system eliminates the need for manual processes, thus increasing inventory visibility and automating workflows. There are countless benefits to incorporating UHF RFID systems into healthcare and life science markets:

Meet industry regulations



**UHF
RFID**

Monitor temperature remotely



Automate inventory tracking



Prevent expiration & recalls



Prevent inventory stock-outs

