

Choosing a Wireless Technology

Don Coleman

IoT on AWS

A Philly Cloud Computing Event

CHARIOT
SOLUTIONS

How much data do you need to transfer?

How often do you need to send it?

How far do you need to send it?

How fast you need to send it?

Is the device's location fixed or will it change?

Is the device going to be constantly moving?

Is it battery powered or plugged in?

Short Range

Bluetooth

Bluetooth Low Energy

Wi-Fi

802.11.x

ZigBee / XBee

802.15.4

Z-Wave

Mesh

802.15.x

Gateways

NFC

Near Field Communication

Miscellaneous

QR / IR / Ultrasonic

Cellular

3G / 4G / LTE / 5G

LPWAN

Low Power Wide Area Network



sigfox



LoRa

Long Range Low Power Wireless

LoRaWAN

Sigfox

LTE-M / NB-IoT

Questions?



Technology in the Service of Business.

Chariot Solutions is the Greater Philadelphia region's top IT consulting firm specializing in software development, systems integration, mobile application development and training.

Our team includes many of the top software architects in the area, with deep technical expertise, industry knowledge and a genuine passion for software development.

Visit us online at chariotsolutions.com.