



# The Role of IoT Application Software in the Agriculture IoT Ecosystem

InfoAg Conference

St. Louis, MO

July 25, 2017

# Connected Farming Solutions



**Weather Stations**



**Soil Moisture**



**Barn Environmentals**



**Irrigation**



**Bin & Tank Monitoring**



**Nurse Wagons**

# Internet of Things Ecosystem -- Solution Components

**Install & Support**

**Software**

**Network**

**Hardware**

# Internet of Things – Growth Barriers

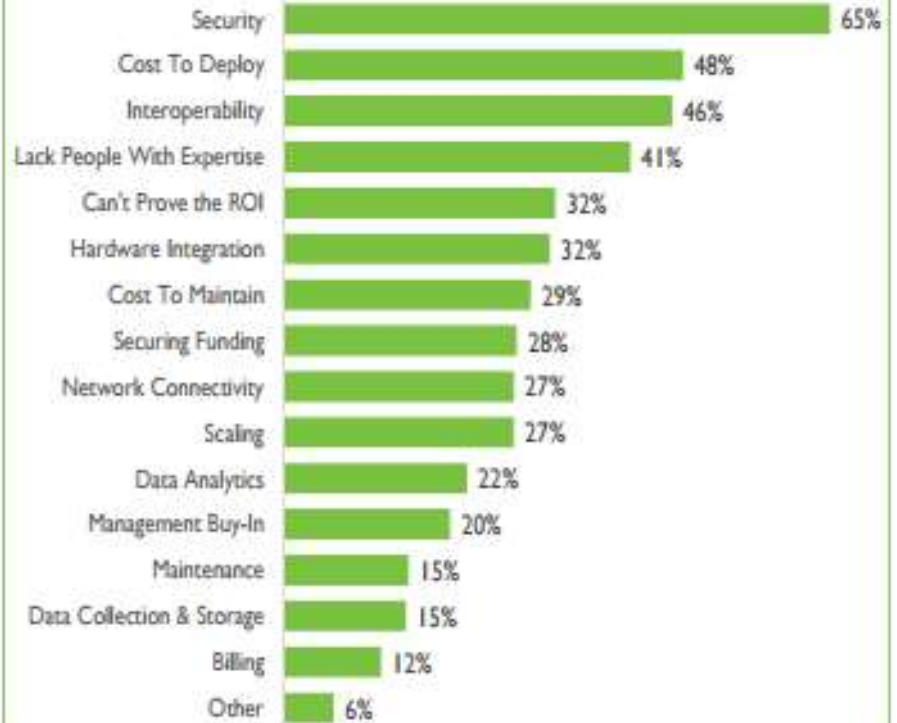
**Install & Support**

**Software**

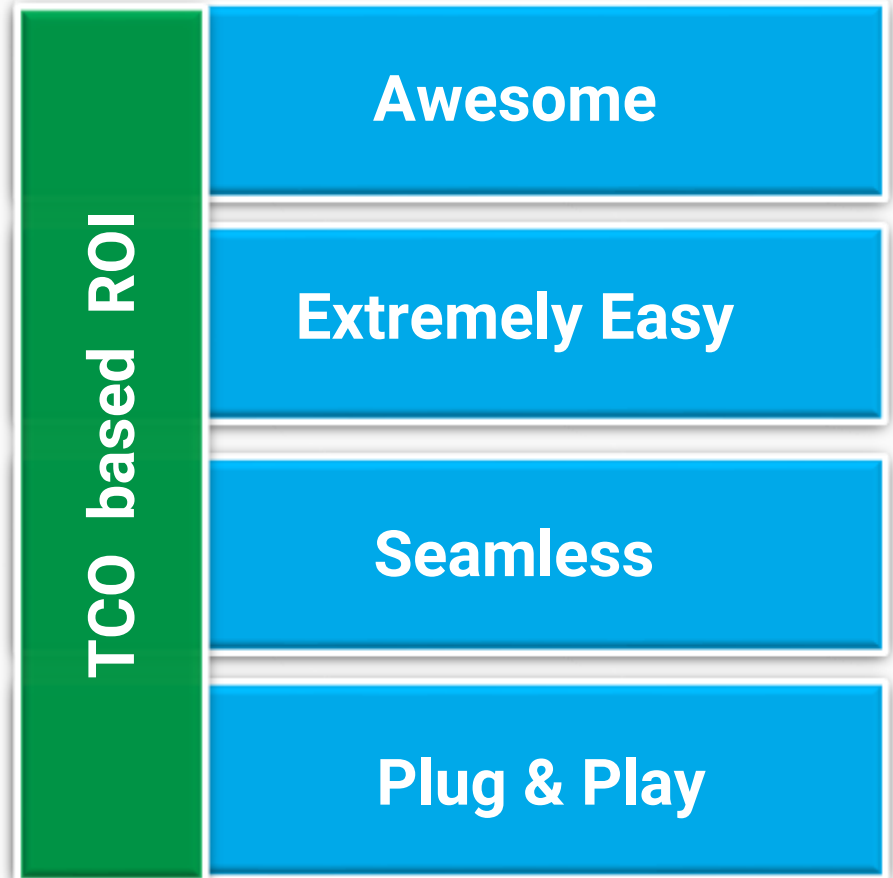
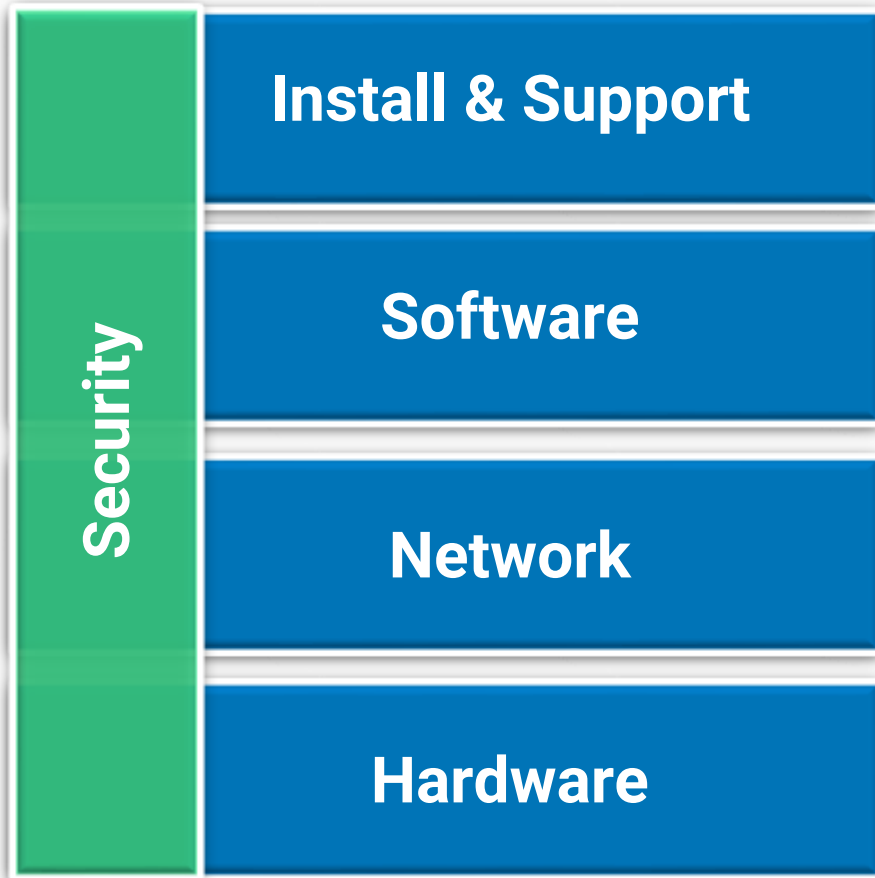
**Network**

**Hardware**

## Barriers To Growth In IoT



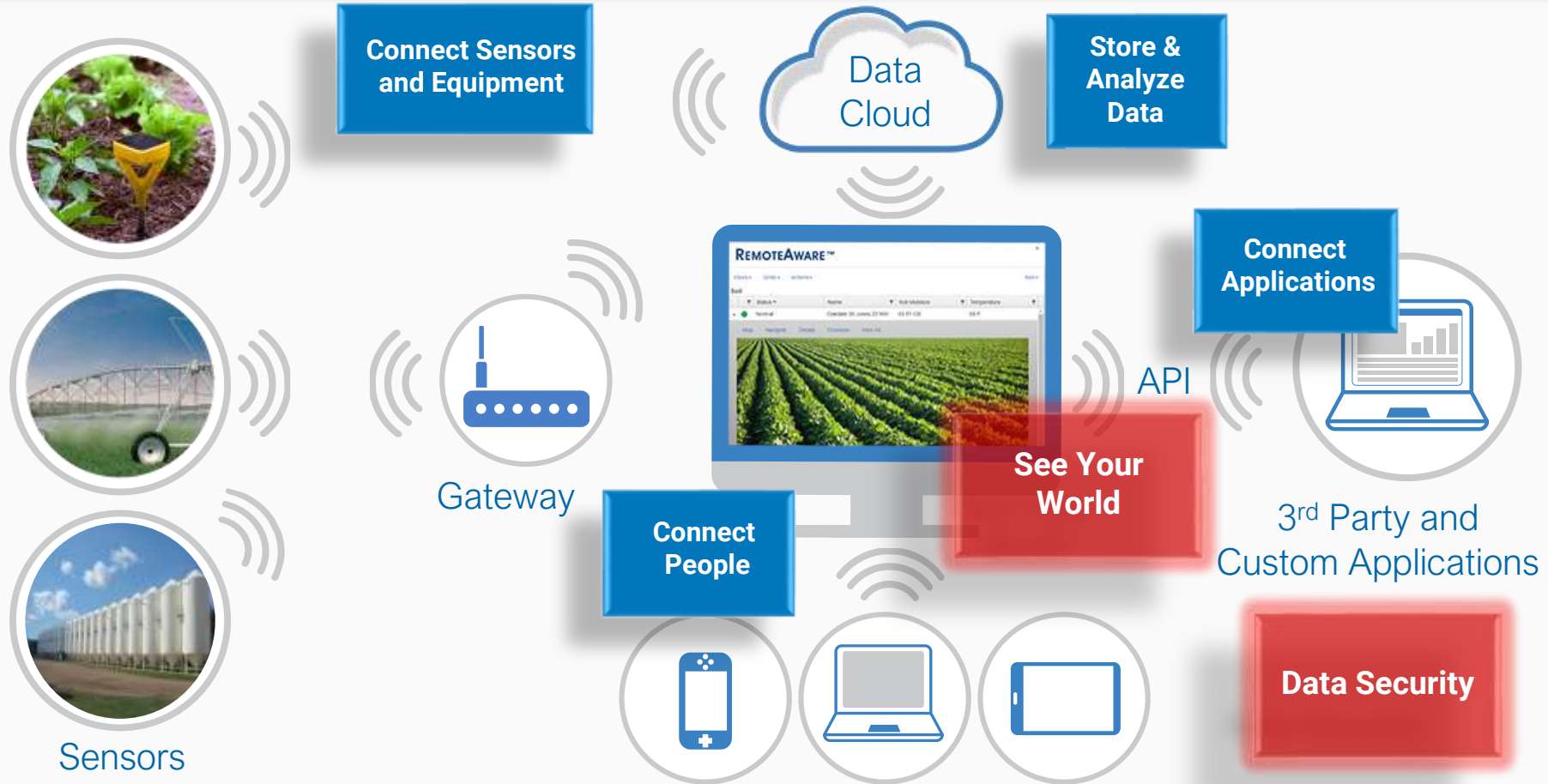
# Internet of Things -- Keys to Success



# Internet of Things – Application Software Functions



# Internet of Things – Application Software Functions



# Internet of Things – Application Software Trends

“Responsive web” user interfaces

Smart phone becoming device of choice

Hosted application services (Software as a Service)

Seamlessly connect multiple cloud services



# Internet of Things – Opportunities

## Growers

- Right resources to right place at right time

## Equipment OEMs

- “Smart equipment”

## Solution Providers

- New value-add services for growers

# About New Boundary Technologies

New Boundary Technologies® has been pioneering innovative Internet of Things (IoT) and Machine-to-Machine (M2M) applications since 1985.

The RemoteAware™ IoT application service provides private label branded applications for Fortune 500 companies, equipment OEMs & distributors, and system integrators.

RemoteAware applications are provided as a hosted service so customers do not need IT resources. A rich set of out-of-the-box capabilities deliver ready-made applications with no software development required.

# Contacts

*New Boundary Technologies*

*10 2<sup>nd</sup> St NE #107*

*Minneapolis, MN 55413*

*(612) 379-3805*

[www.newboundary.com](http://www.newboundary.com)

[www.remoteaware.com](http://www.remoteaware.com)

Jim Rhoda

VP International & Channel Sales

612.619.9326

[jrhoda@newboundary.com](mailto:jrhoda@newboundary.com)

Kim Pearson

CEO

612.233-0108

[kpearson@newboundary.com](mailto:kpearson@newboundary.com)