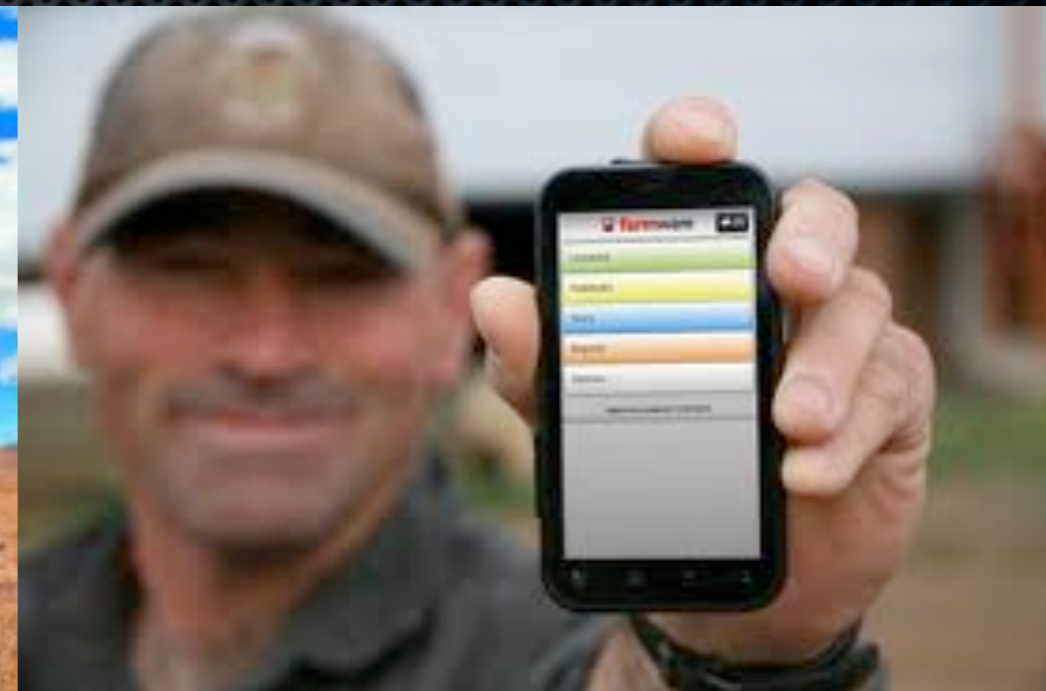


Cloud Computing In Agriculture





What is Cloud Computing?

- ✦ An explanation of cloud computing.
- ✦ Features, Pros & Cons
- ✦ Key Platforms for Small and Medium sized operations
- ✦ An overview of selected cloud based applications focused on agriculture

Main Purpose: To give you sufficient information to make an informed decision about cloud computing for your operations.

What is Cloud Computing?

- You use it everyday if you are computing with more than one device.
- its behind popular applications, such as Google, Apple and Microsoft 360.
- allows for data sharing between multiple platforms/ devices.

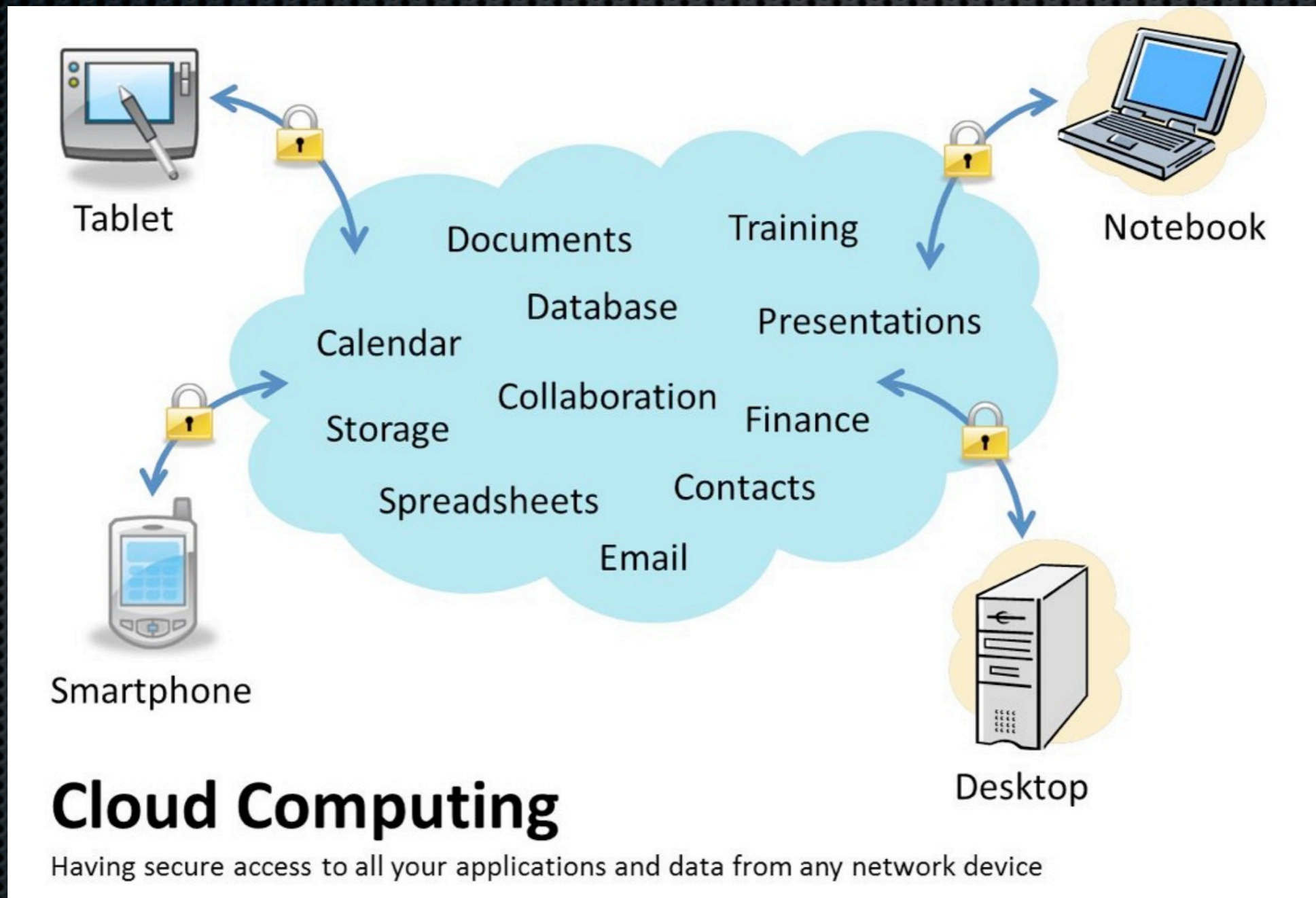


LANs, WANs, the Internet, VPNs, the Cloud...

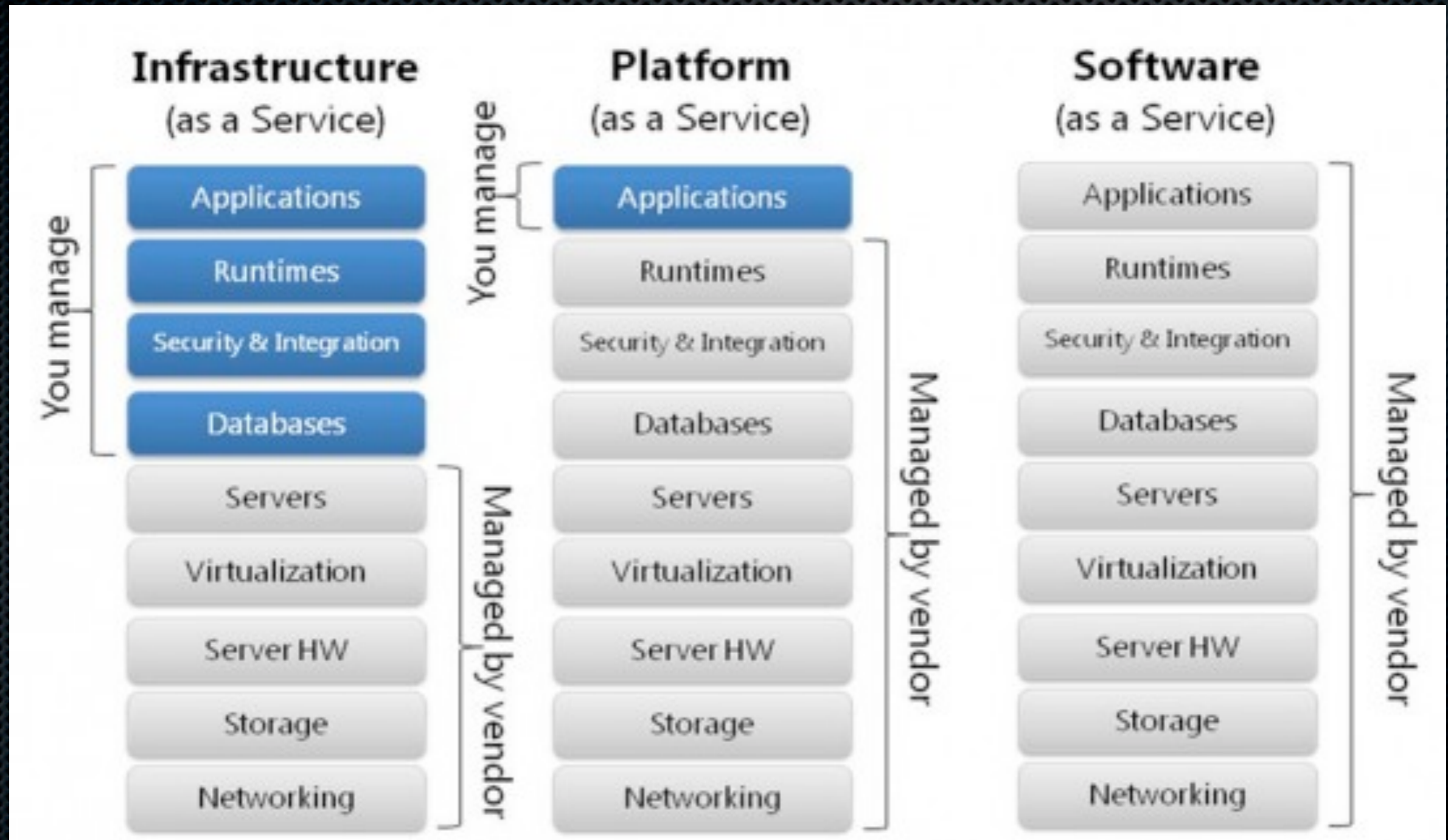
- Traditionally, we relied on closed LANs to share information in an organization.
- As more WAN architecture evolved and VPNs stabilized, more applications were developed for web based delivery. (Webpages, Intranets, Customer Portals)
- Most major software now includes some kind of web portal or access through a mobile device (e.g. FCC's AgExpert Analyst)



Apps, PaaS and SaaS



...a little more about PaaS and SaaS



Benefits of the Cloud

- ✦ Collaboration
- ✦ Scale and cost (accessibility for small operations)- pay as you go- no CAPEX
- ✦ Access to the latest and most up to date applications
- ✦ Choice of platform and transferability of data



Flipside of the Cloud

- ✦ Security of data is variable
- ✦ Users can become locked out due to bandwidth and system server availability
- ✦ Lack of control/ customisation
- ✦ Reliability is dependent on vendor- maintenance of source codes, links and databases.



Key Features

- ✦ Storage (Dropbox)
- ✦ Conferencing & collaboration (WebEx)
- ✦ Messaging (Google)
- ✦ Office & productivity software (Zoho Suite)
- ✦ Business process applications (Salesforce.com)



To be in the Cloud, or not be in the Cloud?

Is multi device, web based computing right for every business?



Some things
to
consider...

Selection Criteria #1 -
Are you willing to
invest in the devices
required?



Some things to consider...

Selection Criteria #2-
Are you willing to
invest in the
infrastructure
required?

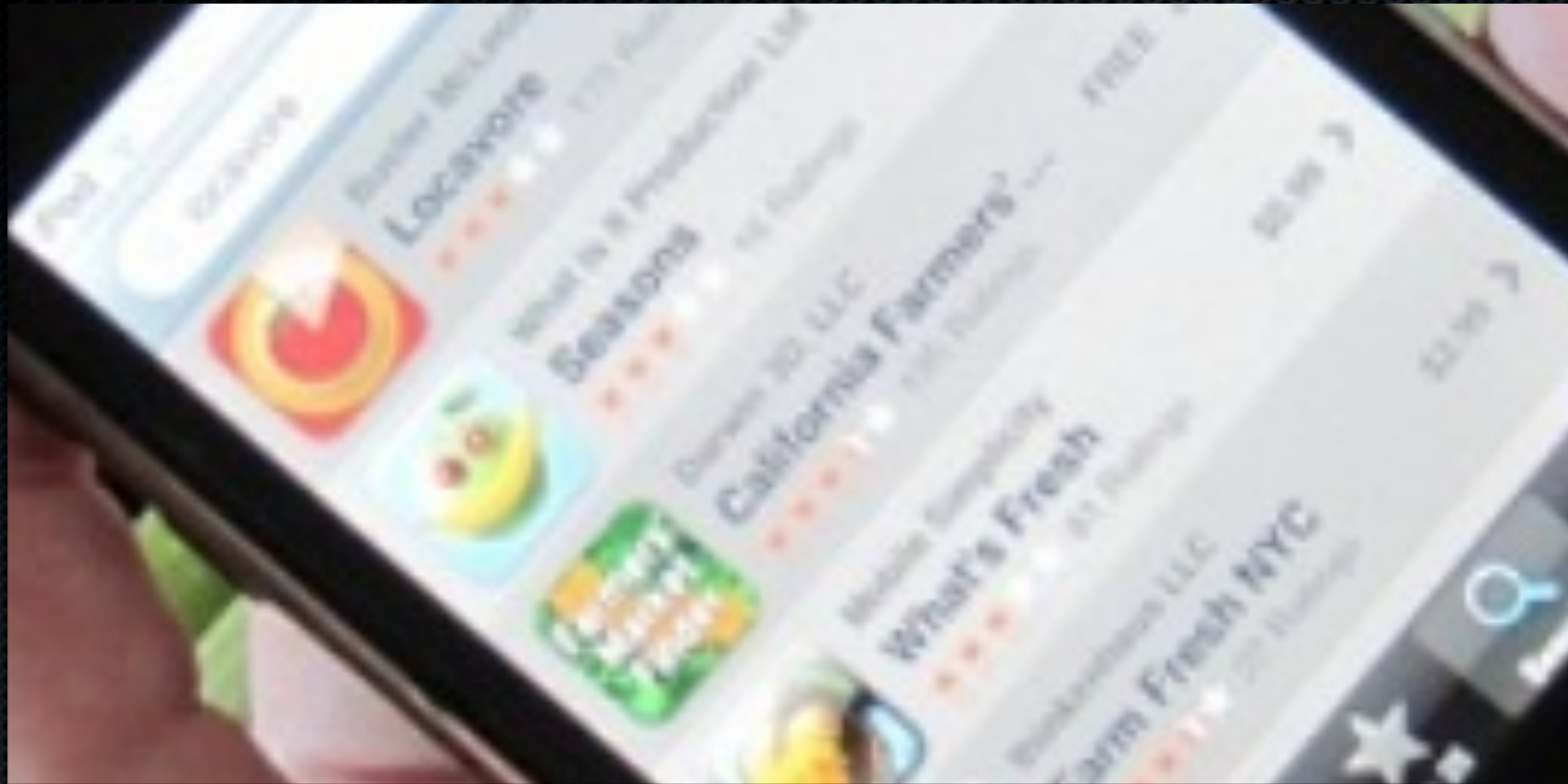


Some things
to
consider...

Selection Criteria #3-
Is your business able
to handle service
lapses?



The “other” cloud in cloud computing



Transformative Business Applications



My Study Life



Evernote Web



Box



Dropbox™



Google Drive



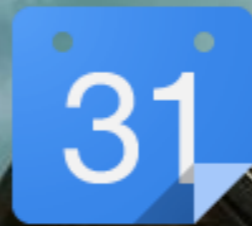
The QR Code Genera...



PDF Mergy



Store



Google Calendar



Gmail



Google Finance



WordPress.com



YouTube



Full Screen Weather



Gmail Offline



Crackle











Google Forms





















Click&Clean App

Google/ Google Apps/ GMail







Collaboration Applications

-  Chat
-  Meeting
-  Docs
-  Projects
-  Discussions
-  Pulse
-  Mail
-  Wiki

Business Applications

-  Assist
-  Marketplace
-  Books
-  People
-  BugTracker
-  Recruit
-  Campaigns
-  Reports
-  ContactManager NEW
-  Site24x7
-  Creator
-  Sites
-  CRM
-  Support
-  Invoice
-  Survey
-  LiveDesk
-  Vault

Productivity Applications

-  Calendar
-  Writer
-  Notebook
-  Show
-  Sheet
-  Zoho Office for Microsoft SharePoint

[Zoho for Google Apps](#)



On your Phone

m.zoho.com

ZOHO Suite

Client Portal for your Customers

Give your customers access to view their payment history, recent transactions and allow them to make payments online. It's simple, convenient and a smart way to get paid fast.

GET STARTED TODAY

The screenshot displays a web interface for Zillium Inc. On the left, there is a sidebar with the company logo (a red circle with a white 'Z'), the name 'Zillum Inc U.S.A.', and contact details for Richard Bowman at richarddj@bowmanfurniture.com. A prominent box shows an 'Invoice Due Balance' of \$300.00. The main area is titled 'Transactions' and features a dropdown menu set to 'All Transactions'. Below this is a table listing various transactions with columns for ID, amount, date, and status. Each row includes a 'Pay Now' or 'Accept' button.

ID	Amount	Date	Status	Action
EST-1661	29176	28 Jan 2014	Accepted	
INV-000004	55127	28 Jan 2014	Outstanding	Pay Now
EST-000032		11 Nov 2013	Open	Accept
EST-11		11 Jan 2014	Declined	Accept
INV-2442	34839	15 Jan 2014	Paid	
INV-125	438783	22 Oct 2013	Paid	
INV-114		10 Jan 2014	Paid	
INV-113		18 Sep 2013	Paid	
INV-112		15 Oct 2013	Paid	
INV-111		12 Nov 2013	Paid	
INV-110		06 Jan 2014	Paid	

Customer Interface example

Create New...

Shortcut

Unresolved Items

Recent Items

- SCS & RP O'Rourke
- O'Rourke Engineering Ltd
- Decoking Descaling Technology Inc.
- Calvin Rowat
- Decoking Descaling Technology Inc.-
- Calvin Rowat
- 1- DBOOT-Prism Info Video
- 2014 Lunch & Learn
- Robert Eirich
- Pat Hinds

Recycle Bin

Quick Create

*Opportunity Name

Opportunities Home

Tell me more! | Help for this Page

View: All Opportunities Go! Edit | Create New View

Recent Opportunities

New

Recently Viewed

Opportunity Name	Account Name	Close Date
SCS & RP O'Rourke	O'Rourke Engineering Ltd	31/01/2014
Decoking Descaling Technology Inc.-	Decoking Descaling Technology Inc.	31/03/2014
Plains project	Gemini Corp	30/11/2011
SCS A-2	Redline Engineering	07/01/2014
RP	Gemini Corp	31/03/2014
Saskatchewan	Plains Midstream Canada ULC	30/11/2011
Gibsons Hardisty	Davco Welding Ltd.	06/01/2014
SCS	Gemini Corp	06/01/2014
SCS	Lanmark Engineering Inc	31/07/2013

Reports

- [Opportunity Pipeline](#)
- [Stuck Opportunities](#)
- [Closed Opportunities](#)
- [Opportunity Field History Report](#)

Quarterly Summary

Interval:

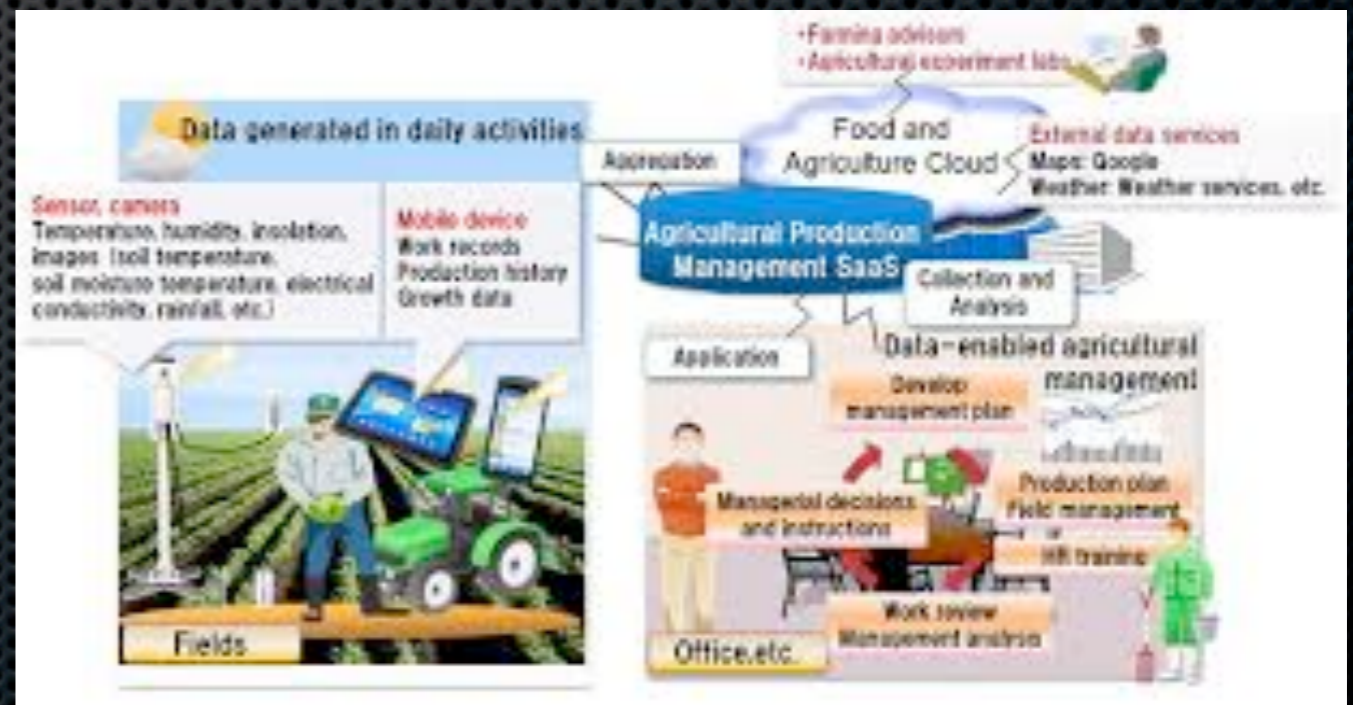
Include:

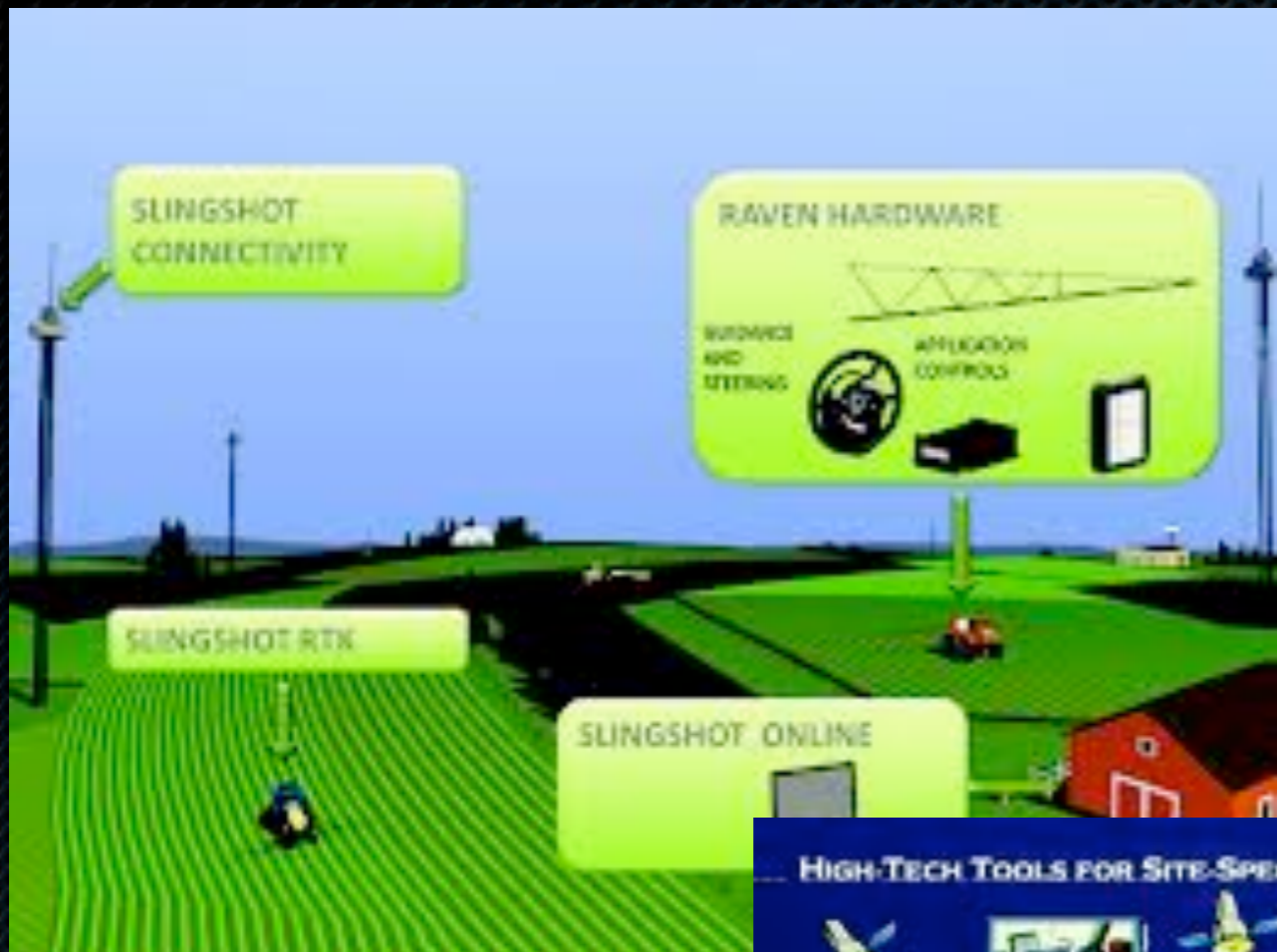
Salesforce.com

Cloud Based Apps for Agricultural Operations



AN OVERVIEW





Precision Farming Applications



Download iHerd on your mobile device now.



iHerd

Livestock Management

Inventory Overview

Type

Category

Ship Date Limit

Inventory						
Category	Product	Allocated	Quantity	Size	Value	
BEEF	10101 BEEF GROUND	0 Box	2089 Box		\$8356.00	
BEEF	0102 BEEF STEW MEAT	0 Kg	2.6 Kg		\$71533.80	
ingredients	1215 garlic	0 gram	10000 gram		\$2500.00	
ingredients	1213 ice water	0 gram	100000 gram		\$200000.00	
ingredients	1212 pepper	0 gram	10000 gram		\$20000.00	
ingredients	1214 pork	0 gram	1000000 gram		\$500000.00	
ingredients	1211 salt	0 gram	10000 gram		\$10000.00	
SAUSAGES	0601 SAUSAGE BREAKFAST PORK cranberry maple	0 Box	2 Box		\$14.00	



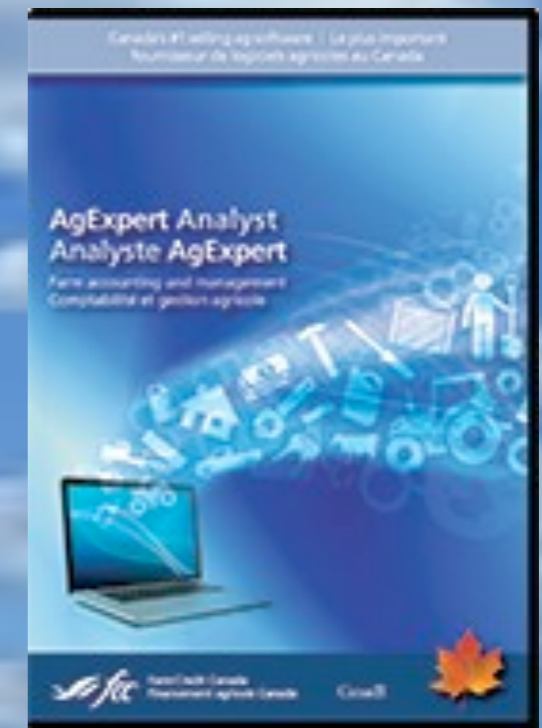
[User Manual](#)
[Release Notes](#)

Powered by DreverTech

Food Inventory Tracking and Sales

Developed by Alberta Agriculture

Sync via the Cloud “application”



Integrated Farm Management

FCC's Farm Manager 360 and AgExpert with App



Add Your Resources



Green Hectares is actively looking for partners to want to share their information, resources and tools with people in the agriculture and food industry, and those who live in rural communities. For more information on how to be a part of the Hopper.Ag

The Hopper.Ag

A Rural Resource Hub!

The Hopper.Ag is a cutting edge, online information management system that connects people with rural interests with information, courses, sites and other tools to advance their personal and professional network and learning.

The Hopper.Ag is tailored to your rural and agricultural interests, information needs and learning style, giving you access to the latest information and learning right at your fingertips.

*The Hopper.Ag has been launched. Go to the **Hopper.Ag** to sign up.*

Currently, the Hopper.Ag has been launched and we are linking and indexing to a wide variety of

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 EirichRob