Using Your Smartphone for Everything!

It's more than just a Phone!

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Introduction

▶ Smartphone – The Swiss Army knife of Mobile Devices, a device capable of doing multiple tasks.

▶ Using your smartphone as a remote simplifies the number of devices that you have.

▶ Many manufacturers are offering apps that allow you to use your phone to control a multitude of devices.

▶ Any Smartphone is capable of interfacing with internet enabled devices, whether it is an Android, iOS (Apple iPhone).

▶ less so with Windows devices.

Introduction

- ▶ Remote Control

- ▶ Online Banking

- ▶ GPS

- ▶ Cloud Storage

- ▶ Finding Apps

Remote Control

▶ Using your Device as a Remote Control

Remote Printing from your Phone

Controlling your house Lights

Roku Streaming Remote

Slingshot TV

Casting to Smart TV with Chromecast

Nest Programmable Thermostat

Security

- Security

Internet connected doorbells

Internet connected locks

Productivity

- Productivity

  Microsoft Apps

  Dropbox, OneDrive and Google Drive

  Online Banking

  Virtual Wallet

APPS

Definition: The word "app" is an abbreviation for *application.* An app is a piece of software. It can run on the internet, on your computer, or on your phone or any other electronic device. The word "app" is a more modern usage, but this is really the same thing as a software program.

In modern use, most people refer to apps as applications or software programs that run specifically on phones or other mobile devices. This is probably the most common way to discuss apps. The [Google Play store](#), for example (which sells movies, e-books, and music in addition to software), has a section on apps and "**My apps.**" Amazon has a section called **Appstore for Android.** Apple has an **App Store** for iOS devices. However, these are all just *mobile apps.*
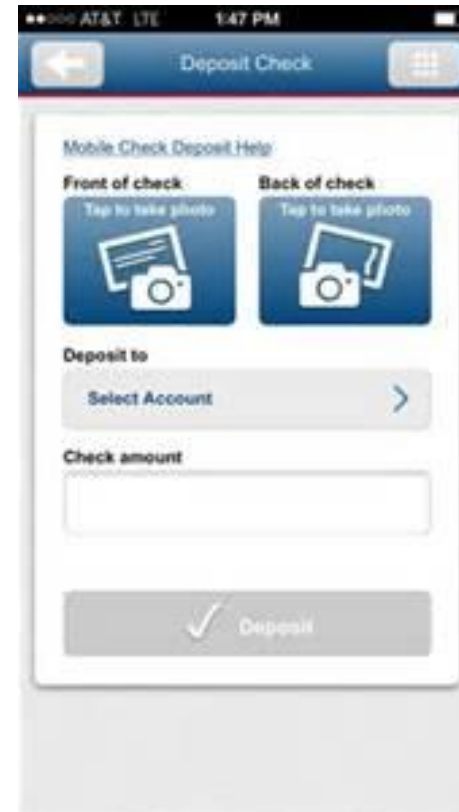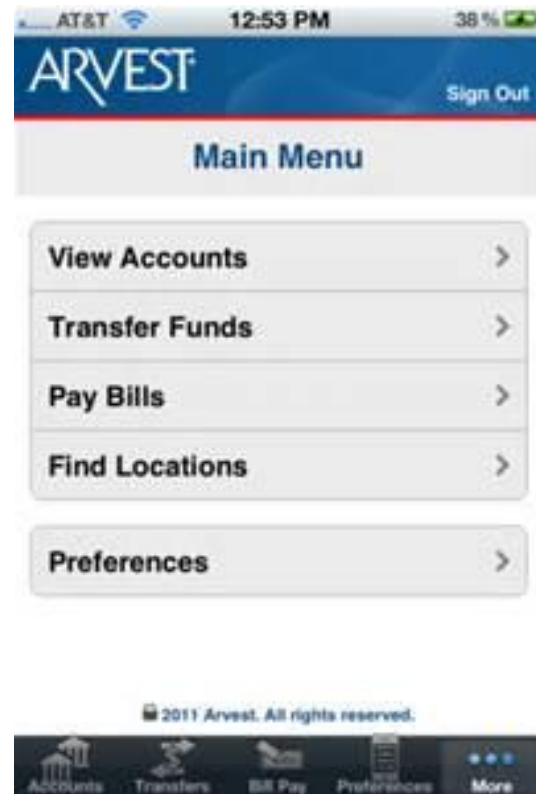
Productivity Apps

- Microsoft has free apps for Android and iPhone
  - Word
  - Excel
  - PowerPoint
  - Cortana (introduced with Windows 10)
  - Groove (introduced with Windows 10)

Productivity Apps

▶ Cloud Storage apps that you can download to maximize your phone's storage capabilities, ideal for saving and sharing pictures and documents when you are on the go.

▶ Dropbox

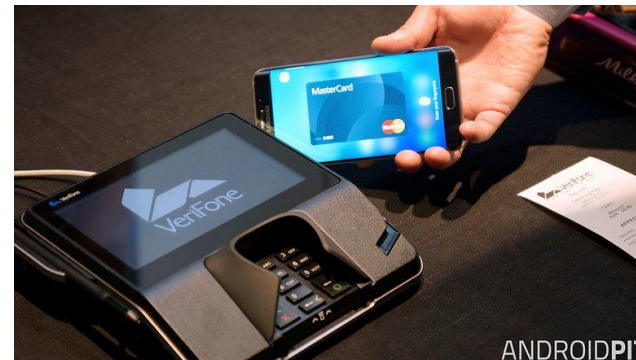▶ One Drive

▶ Google Drive

Online Banking

Apple Pay / Android Pay Apps

- Smartphones have the capability of being a virtual wallet using virtual credit card Apps to pay for goods and services.

- You add your credit cards, open the payment app, select a card, and tap your device against the terminal to pay.

- If there isn't an NFC terminal, simply swipe the phone as if it were a regular credit card.

ANDROID**PIT**

Apple Pay / Android Pay Apps

- More retailers are embracing this technology and are set up to accept these types of transactions.

Remote Printing

- Cloud print allows you to print files from your phone to your printer using the Google print App for Android or Apple Air print

  or

- If you have an Cloud Print or Air Print ready printer (Epson, Kodak, etc.) or HP E-Print enabled printer and connected to your wireless network the capability is already there.

Using Your Phone as a GPS

- ▶ All smartphones have location services and an app to guide you to your destination.

- ▶ These maps are powerful additions to your phone.

- ▶ They are always up-to-date. No disk required, no subscription fees.

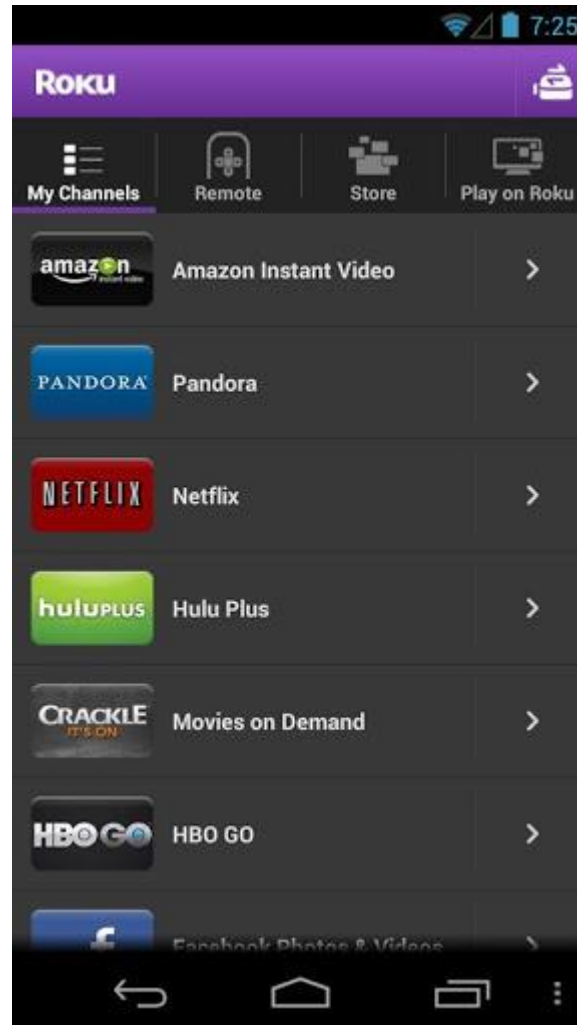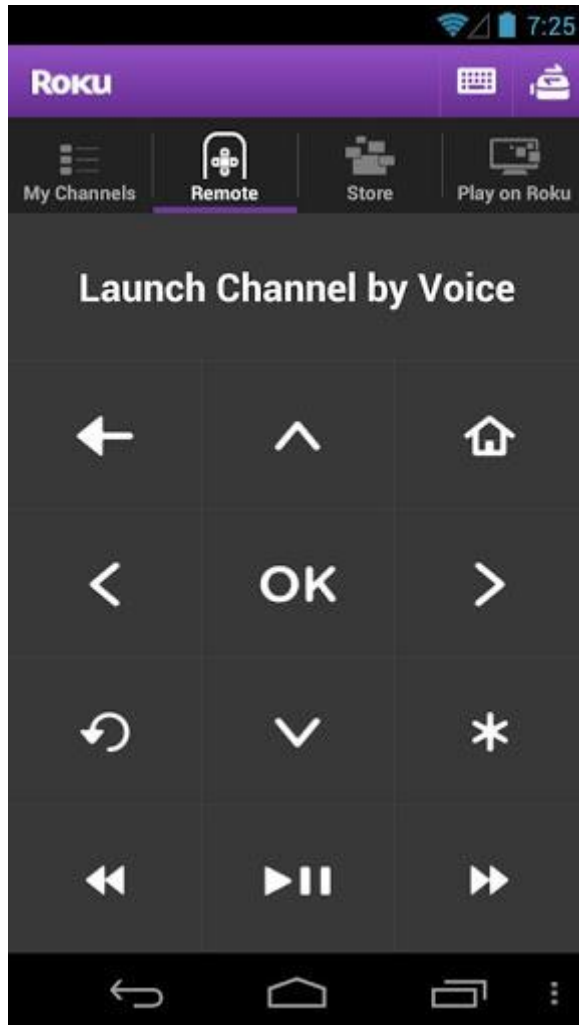- ▶ Location services should always be left on.

- ▶ Both available for Android and iPhone

Roku Streaming Video Player

▶ Roku launched the first product designed to deliver movies from Netflix instantly on TV, using the power of the Internet.

▶ Since then, best-selling Roku streaming players have become synonymous with amazing choice, control, and value in TV entertainment.

▶ Take command of your Roku player with a remote control.

▶ Includes instant replay, back and options buttons.

Roku Streaming Video Player

Smart TV Remote

▶ Some Smart TVs have apps that allow you to use your phone as a remote.

▶ You can control any network-connected TV.

▶ Check the App Store or Google Play store for Apps you can use for your brand of Smart TV. Try the Universal Remote if your TV is not listed.
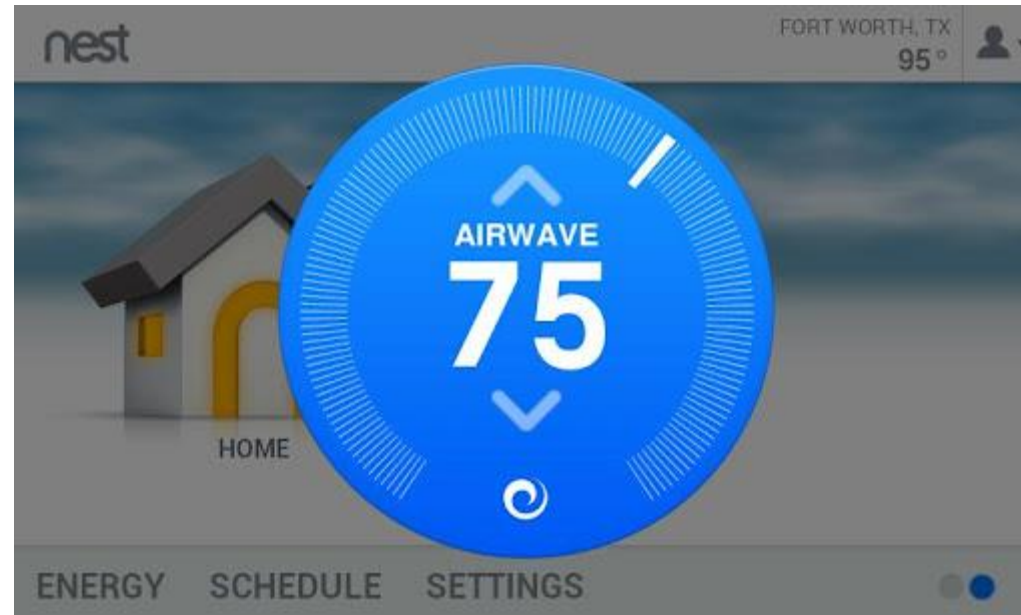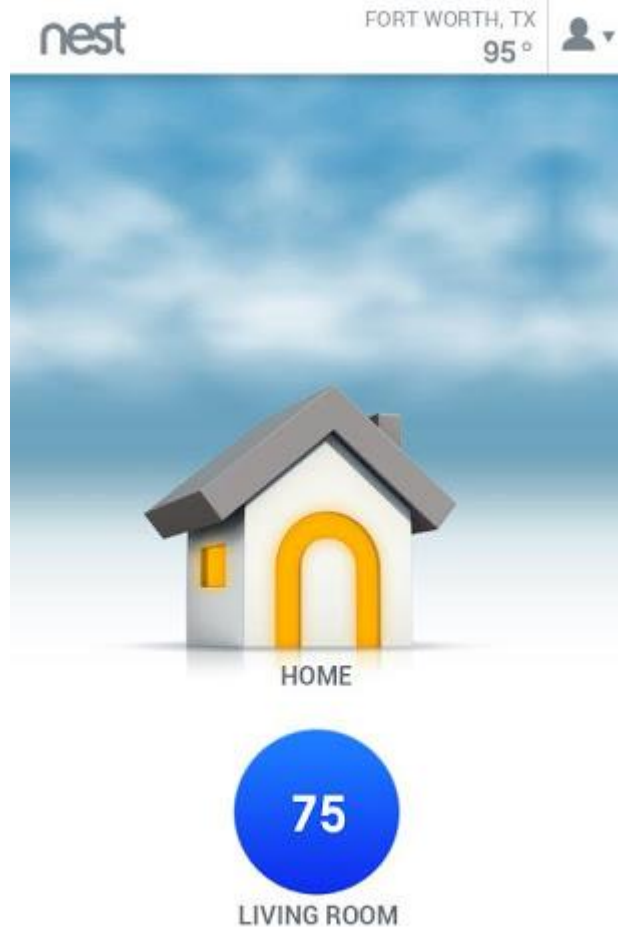
Sling Television for Phones sling

- Sling is currently available via apps for Windows and Mac computers; Android and iOS mobile devices

- If you are on the go and your phone has an HDMI connector, an Internet connection and a compatible TV, you can show your programming on the TV. (Note: Make sure you have the phone connected to a charger.)

Nest Learning Thermostat

- Control your home's temperature from your Android phone or iPhone with the Nest Mobile app.

- Last-minute trip? Change the temperature from the ski slopes.

- Coming home early to a cold house?

- Turn up the heat on your way.

- The Nest Mobile app allows you to adjust your Nest Learning Thermostat from anywhere.

Nest Learning Thermostat

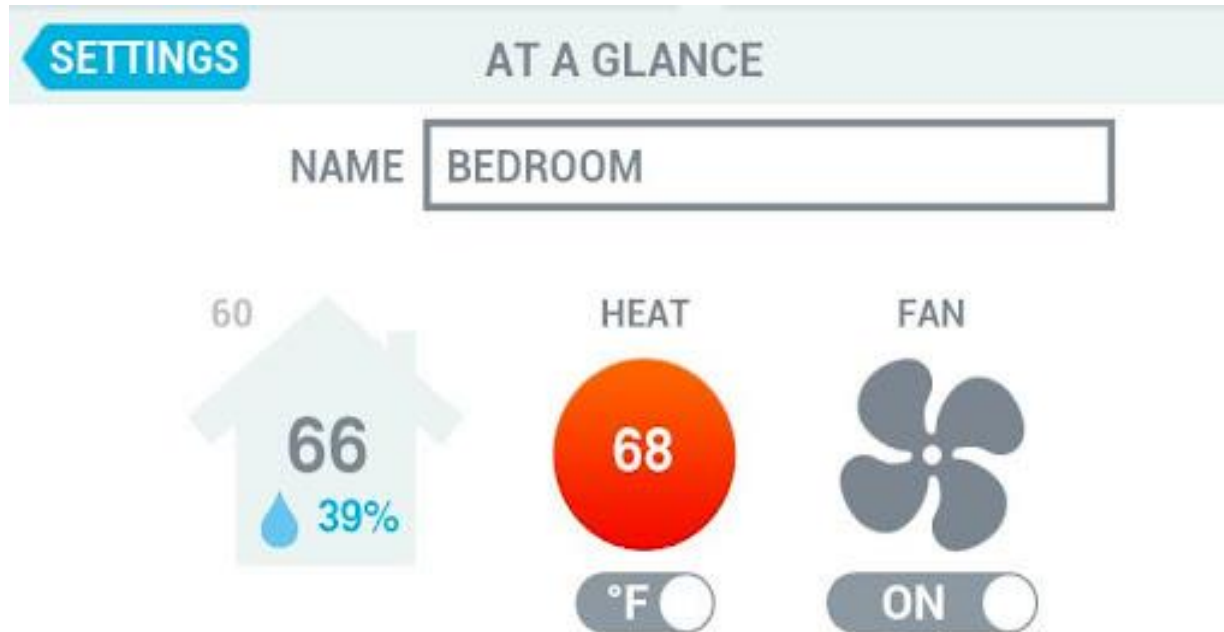# Nest Learning Thermostat

Nest Learning Thermostat

Smart Doorbells and Locks

▶ See who is at your door

▶ Unlock your door from anywhere

Ring

Skybell

Wi-Fi Controlled Light Switches

▶ Why come home to a dark house?

▶ Schedule your stuff however you like: Set the porch light to turn on before you get home.

Conclusion

- The smartphone is no longer just a portable computer in your pocket.

- It has become the remote control for your life.

- Want to flip off the living room lights, unlock your front door or get a reading of your blood pressure?

- All of this can be done through mobile apps that work with accessories embedded with sensors or an Internet connection.

Conclusion

► All of this can be done through mobile apps that work with accessories embedded with sensors or an Internet connection.

► For several years, technology companies have promised the dream of the connected home, the connected body and the connected car.

► Those connections have proved illusory.

Conclusion

▶ But within the last few years mobile apps have provided the mechanism to actually make the connections.

▶ That is partly because smartphones have become the device people never put down.

▶ But it is also because wireless sensors they use have become smaller, cheaper and ubiquitous.

Q & A