# New Breed of Smart TV

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### Smart TV with New Features

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• Why would a television need these things?

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- Automatic log in to websites, such as Facebook, and personalized channel selections are two selling points for the TV
- Even the advertisements shown can be targeted to what the person is currently holding, such as beer or a magazine, or what is in the background







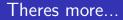
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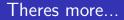
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- The TV automatically connects to the internet and Samsungs cloud
- As of yet there is no privacy policy detailing how they will use their data released by Samsung, only a user agreement saying they are not responsible for improper use of their equipment





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- IR blaster allows control of other electronic devices in the home
- Third party apps also have access to the camera and microphone



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- What exactly is being uploaded to the Samsung cloud and how is it being stored and used?
- Could the government potentially use these TVs to spy on the American people?
- Samsung has yet to address any of these issues even though TVs are currently being sold

## If there were good news...

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- Because of this, there are no known attacks as of yet
- Once which OS is leaked, this could change. Existing hacks may be compatible. If not, new ones can, and we should assume, will be created

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- Android is already running on many smart TVs and is an excellent candidate for the OS running on the new Samsung models
- An IOS researcher discovered malware that can be embedded in an IOS app and cause the device to execute unapproved commands
- Using BackTrack software and a wireless adapter capable of packet injection wireless networks with WEP and WPA encryption can be hacked

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