

## EIGHT REASONS ELECTRICIANS ARE NOT THE SAME AS ELECTRONIC SYSTEMS TECHNICIANS

The residential electronic systems industry requires well-trained and knowledgeable electronic systems technicians who can install both wireless and wired applications and can integrate these systems to work through a single control device. Electronic systems technicians have specialized skills including computer programming, systems interfacing, acoustical expertise, and video calibration. The proliferation of electronics products and systems has prompted the U.S. Department of Labor to recognize electronic systems technicians as separate profession in the 21<sup>st</sup> Century Workforce Initiative.

An Electrician	An Electronic Systems Technician
Works with voltage greater than 100 volts	Works with voltage less than 100 volts
Delivers power	Delivers signals and data
Installs and configures switches, dimmers, and breakers	Installs and configures home automation controls, touch screens, keypads, and computers
Works with analog circuits	Works with analog and digital circuits
Uses cabling per single application throughout its life	Uses cabling for multiple applications throughout its life
Requires little continuing education	Requires constant education and training
Has a licensing requirement in most states	Does not have a licensing requirement in most states
Has little impact on the consumers' personal information	Large potential impact on security of consumers' personal information

