

# Become a Smart Home Professional Installer



## Why become a professional installer?

Do you love technology? Are you looking for a career opportunity in a rapidly expanding industry? If so, the professional smart home installation market needs you.

Today's smart home market is one of the fastest growing segments in the broad IoT (Internet of Things) industry, with many companies investing billions of dollars in the development of products and platforms. This is, in turn, opening up thousands of job opportunities for trained professionals to install and support smart home solutions.

Smart home solutions add comfort, convenience, peace of mind and entertainment to people's lives and homes. For homeowners to enjoy all the benefits of these technologies, professionally trained installers are needed to ensure systems work together to meet clients' needs.

## What does this look like?

As a professional installer of smart home technology, you will be responsible for the design, installation and support of:

- Home networks
- High definition TVs and projection systems
- Home Theaters and surround sound systems
- Whole home music systems with streaming content and traditional music sources
- Home security and video surveillance systems
- Environmental controls like thermostats
- Smart lighting control systems for controlling home lighting
- Low voltage lighting fixtures
- Other environmental systems like irrigation, outdoor lighting, pool/spa and more
- Integrating control with mobile devices, in-home displays and smart speakers

## How can I get started?

The Smart Home Division of the Consumer Technology Association (CTA)<sup>®</sup> has assembled a comprehensive list of certifications and trainings available to help get you on your way to an exciting career.

# Industry Certifications

ASSOCIATION	NAME AND WEBSITE	FOCUS	CERTIFICATIONS OFFERED
<b>AVIXA</b>	Audiovisual and Integrated Experience Association <a href="http://avixa.org">avixa.org</a>	Commercial audio/video	Intermediate and advanced certifications for technicians in the low voltage industry
<b>CEDIA</b>	Custom Electronic Design & Installation Association <a href="http://cedia.net">cedia.net</a>	Residential and light commercial audio/video	Entry and intermediate certifications for technicians in the low voltage industry, plus advanced/specialist certifications on networking and design
<b>ESPA</b>	Electronic Systems Professional Alliance <a href="http://espa.org">espa.org</a>	Residential, commercial and security	Entry level EST (Electronic Systems Technician) certification
<b>ESA</b>	Electronic Security Association <a href="http://esaweb.org">esaweb.org</a>	Security, fire, intrusion, video, integration, and service for residential and commercial	Entry and intermediate certifications for technicians
<b>ISCET</b>	International Society of Certified Electronics Technicians <a href="http://certifiedelectronicstechnician.org">certifiedelectronicstechnician.org</a>	Electronics and appliance service industry	Entry, intermediate, advanced, and expert certifications for technicians servicing electronics and appliance repair
<b>NCCER</b>	National Center for Construction Education & Research <a href="http://nccer.org">nccer.org</a>	All aspects of construction and maintenance including, electrical, low voltage, carpentry, mechanical	Entry, intermediate, and advanced certifications for technicians
<b>NICET</b>	National Institute for Certification in Engineering Technologies <a href="http://nicet.org">nicet.org</a>	Civil engineering technology - construction materials testing and transportation construction inspection  Electrical and mechanical systems engineering technology - Electrical power - Fire protection - Security systems	Entry, intermediate, and advanced certifications for engineering technicians
<b>SBCA</b>	Satellite Broadcasting & Communications Association <a href="http://sbca.org">sbca.org</a>	Satellite products and services across all markets; residential, multi-dwelling units, and product specific, DirecTV	Entry, intermediate, and advanced certifications for technicians
<b>SIA</b>	Security Industry Association <a href="http://securityindustry.org">securityindustry.org</a>	Management of complex, technical security projects	Advanced certification for security project managers

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## Other Educational Opportunities

Trade schools, independent training organizations, and community colleges are other great resources if you are looking for additional training opportunities.