

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)[®] 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
AVIXA	Audiovisual and Integrated Experience Association avixa.org	Commercial audio/video	Intermediate and advanced certifications for technicians in the low voltage industry
CEDIA	Custom Electronic Design & Installation Association cedia.net	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
ESPA	Electronic Systems Professional Alliance espa.org	Residential, commercial and security	Entry level EST (Electronic Systems Technician) certification
ESA	Electronic Security Association esaweb.org	Security, fire, intrusion, video, integration, and service for residential and commercial	Entry and intermediate certifications for technicians
ISCET	International Society of Certified Electronics Technicians certifiedelectronicstechnician.org	Electronics and appliance service industry	Entry, intermediate, advanced, and expert certifications for technicians servicing electronics and appliance repair
NCCER	National Center for Construction Education & Research nccer.org	All aspects of construction and maintenance including, electrical, low voltage, carpentry, mechanical	Entry, intermediate, and advanced certifications for technicians
NICET	National Institute for Certification in Engineering Technologies nicet.org	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
SBCA	Satellite Broadcasting & Communications Association sbca.org	Satellite products and services across all markets; residential, multi-dwelling units, and product specific, DirecTV	Entry, intermediate, and advanced certifications for technicians
SIA	Security Industry Association securityindustry.org	Management of complex, technical security projects	Advanced certification for security project managers

Updated March 2020

Other Educational Opportunities

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