

# Model for Professional Installer Certification

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# Purpose of this Document

**This report lays out the high level hierarchy/model for Certified Professional Installer (CPI) process, to include:**

- Starts with accreditation/training standards based on Part 96 and industry requirements,
- Overall training process and standards,
- Roles and responsibilities – focused on CPI, not owner,
- Certification issuance,
- Accountability, issue management and discipline,
- Keeping up to date with standards as they evolve.

**This report does NOT address specifics. This is a generalized document to act as a basis for further work.**

# Definitions

## Accreditation Standard

- Standard defining how a Training Program Administrator can be accredited to run a Certified Professional Installer (CPI) Training Program
- Includes a curriculum standard defining the requirements necessary for trainees to be certified as a Professional Installer. This includes CBRS and Part 96 information, definitions of CPI parameters needed, obligations on CPIs, etc.
- Includes a requirement for an objective certification test to be administered by a program administrator as part of the CPI training program. Passing this test is a prerequisite for an individual to be considered a Certified Professional Installer.

## Accrediting Body

- Entity that accredits an Administrator to offer a CPI Training Program based on the Accreditation Standard

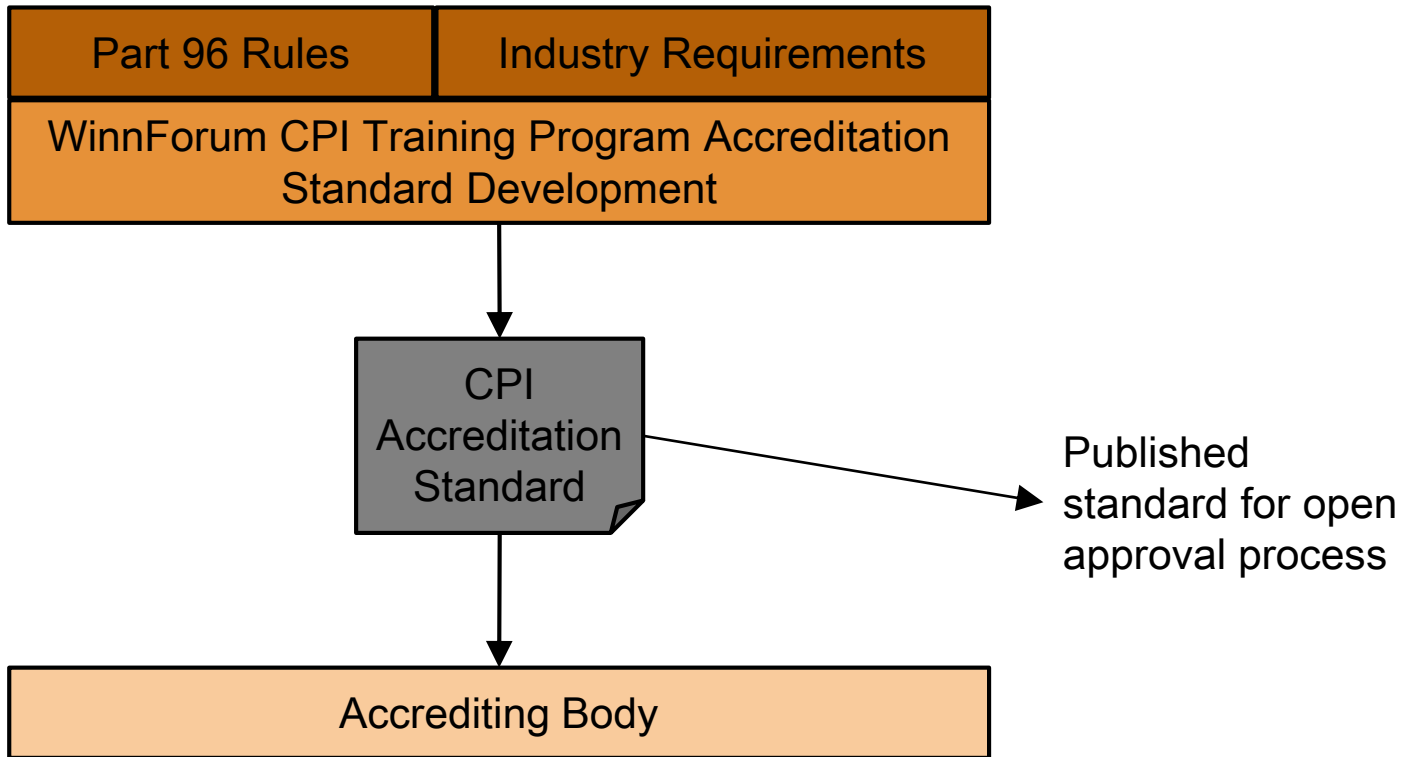
## Training Program Administrator

- Entity such as a Network Equipment Operator, an equipment vendor, a SAS operators or a 3rd party training organization that develops a Certified Professional Installer (CPI) Training Program, gains accreditation, administers objective certification test and maintains certification records.

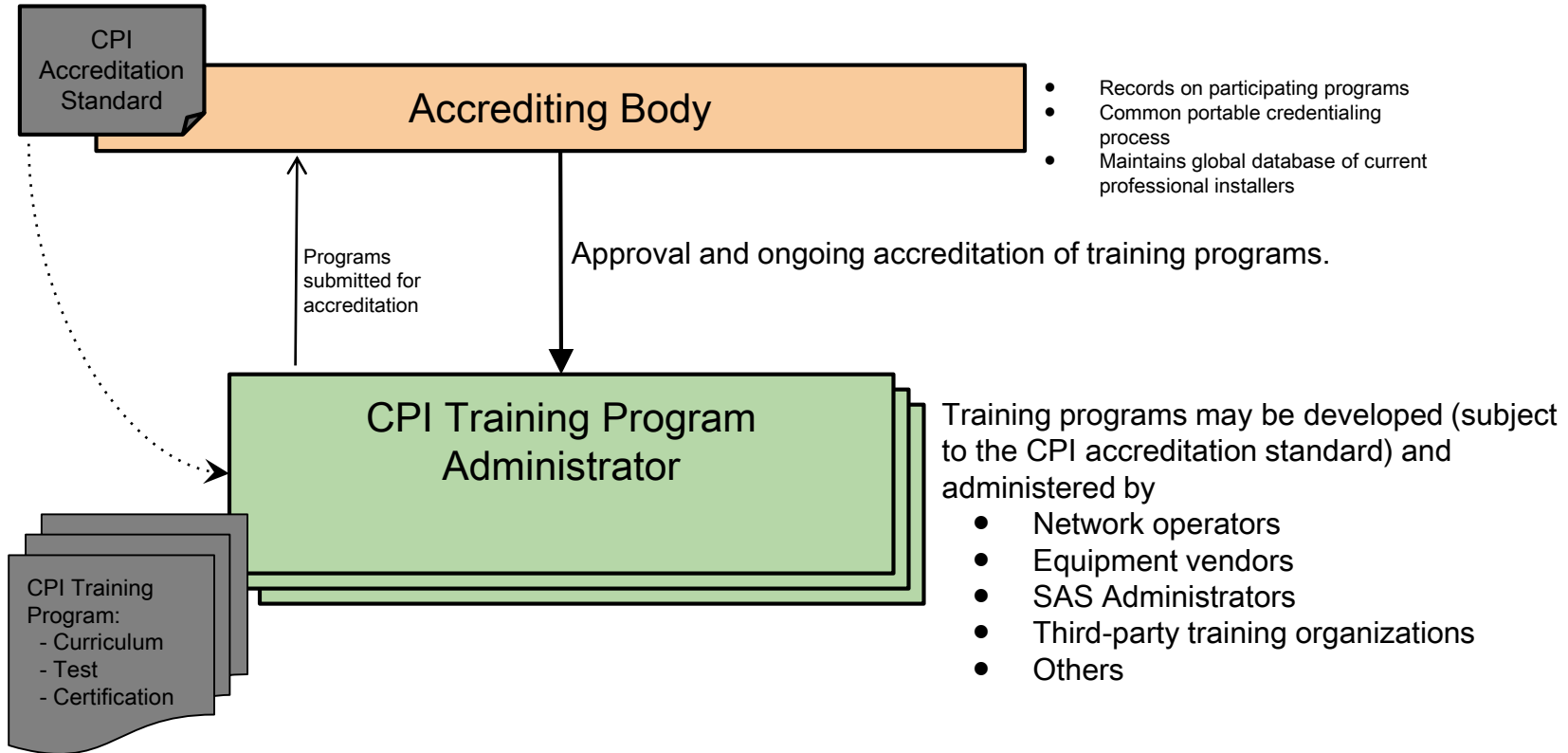
## Certified Professional Installer (CPI) Training Program

- Mandatory training/curriculum required by the CPI Training Program Administrator as a prerequisite for taking the objective certification test.

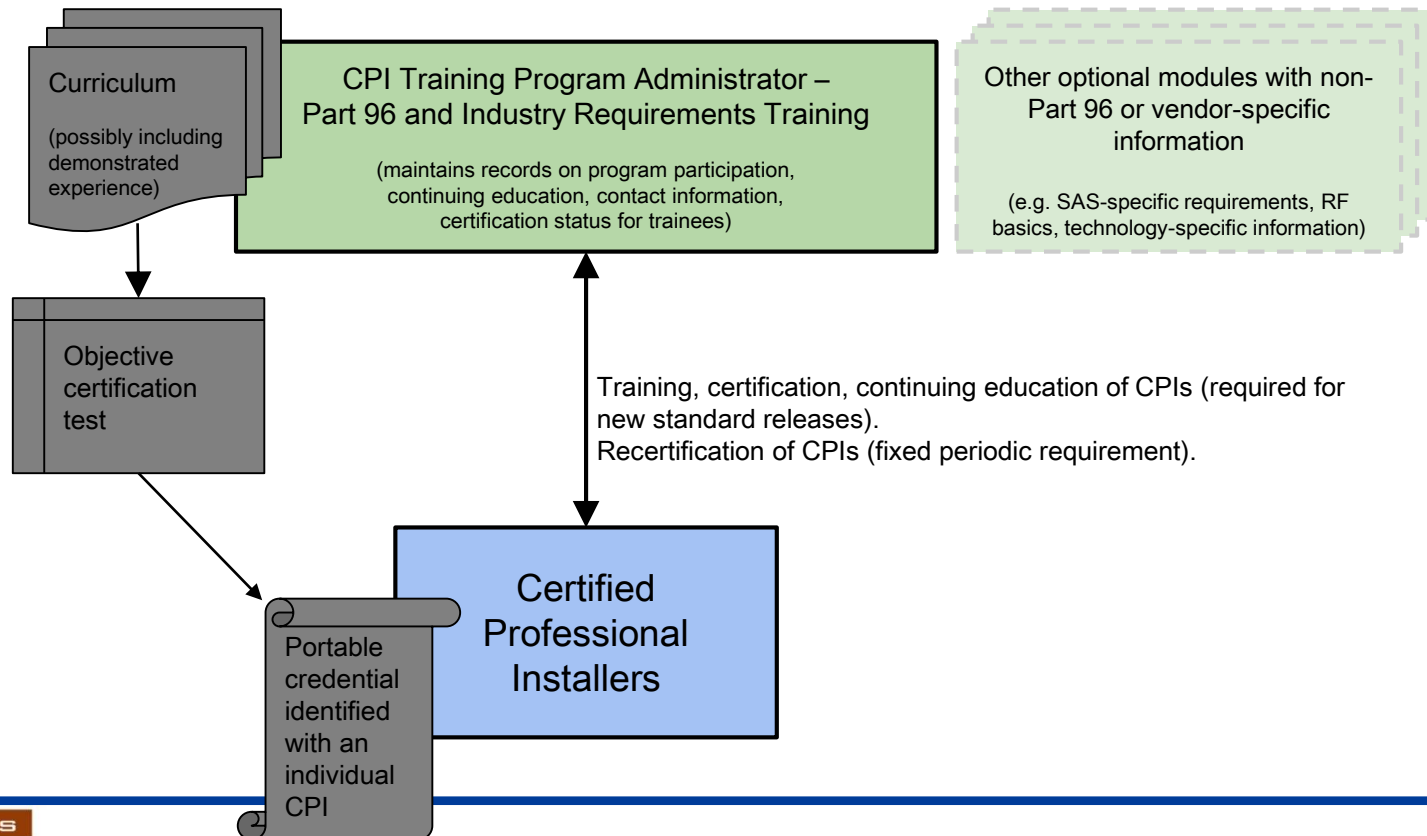
# CPI Training Program Accreditation Standard Development Process



# Training Program Accreditation Process



# Professional Installer Training and Certification Process



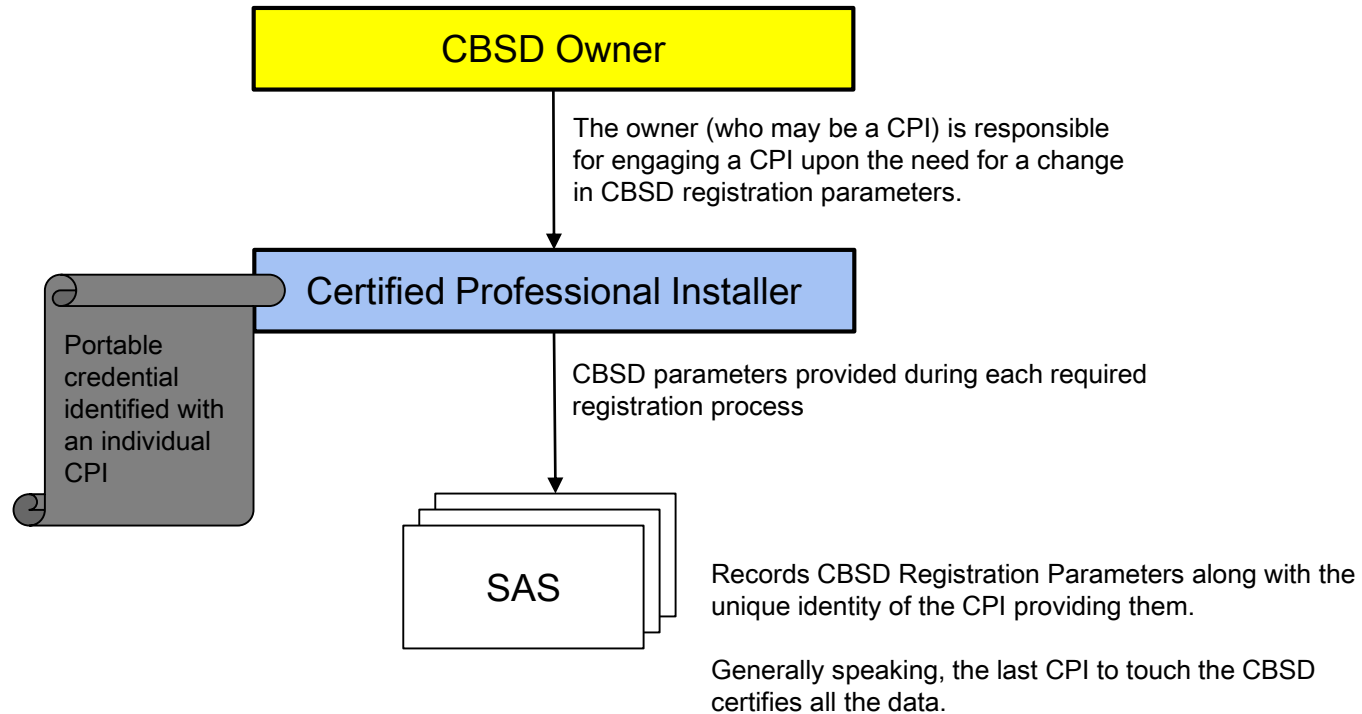


## Example Elements of the CPI Training Program Curriculum and Test

### The Accreditation Standard's defined "core curriculum" could include:

- Importance of the Professional Installer role in the CBRS ecosystem.
- Structure of the CBRS band (incumbent users, PAL users, and GAA users).
- Examples of CBSD devices. (Category A and B).
- Impacts of CBSDs on other users of the band, including incumbent users.
- Interference protection responsibilities of the SAS.
- Radio characteristics of harmful interference.
- The lifecycle of a CBSD, the role of the CPI.
- CBSD registration parameters, their measurement and reporting to the SAS.
- Transfer of responsibility for a CBSD from one Professional Installer to another.
- The responsibility of a CPI to maintain registration with the training program.
- Methods by which Professional Installer data is checked for accuracy by other parties.
- The range of disciplinary actions which can occur if there are inaccuracies in data provided by Professional Installers.

# Professional Installer Data Accountability Structure



# Professional Installer Problem Reporting Flow Diagram

