mobile comply

Connected
Vehicle
Professional™

CVP III – Data, Markets, Policy and Regulations

Connected Vehicle Professional™
CVP III – Data, Markets, Policy and Regulations

Connected Vehicle Professional III – Data, Markets, Policy and Regulations (CVP III) focuses on data generated by connected vehicles and subsequent data security concerns. Worldwide ITS markets will be explored and participants will be introduced to U.S. policies and regulations surrounding the connected vehicle ecosystem. Additional telematics applications, near term trends, and major issues within the connected vehicle space will also be discussed.

CVP III is the third in a series of three courses that comprise the Connected Vehicle Professional™ Credentialing Program approved by SAE International and the Connected Vehicle Trade Association (CVTA) and offered exclusively by Mobile Comply.

Domains of CVP III

Domain 10.0	Data
Domain 11.0	Security
Domain 12.0	Market Differences
Domain 13.0	U.S. Policy and Regulation
Domain 14.0	Insurance Telematics Applications
Domain 15.0	Legacy Telematics Applications
Domain 16.0	Near Term Trends and Considerations
Domain 17.0	Major Issues

Outcomes

Participants will master the fundamental, working knowledge necessary to perform effectively as a professional in the connected vehicle industry. Participants will develop the skills and analytical abilities necessary to lead connected vehicle initiatives within their organization and professional community.

CVP III supports the attainment of official credentialing by SAE International and CVTA in connected vehicle technology via the Connected Vehicle Professional Credentialing Program.

Objectives

Participants who successfully complete CVP III will be able to:

- Familiarize with and discern data environments, data generation and capture, quality checking, system integrated processing at various volumes and velocities to differing Connected Vehicle (CV) applications.
- Identify specific CV security function domains and contrast security strategies, protocols and mechanisms aligned to current and emerging standards implementations and legislation.
- Distinguish market segments and understand CV value proposition and opportunities offered by CV and Intelligent Transportation Systems (ITS) R&D and impending national and global implementations.
- Orient to key principles, policies, and regulations current and emerging affecting CV adoption and implementation in the USA, Canada and Europe.
- Understand telematics application genre specific to insurance industry and articulate User Based Insurance (UBI) market drivers and benefits.
- Recognize and describe legacy use of telematics, application evolution and challenges.
- Summarize connected vehicle near term trends associated to market, industry and infrastructure interests.
- List and describe major issues, challenges and concerns of connected vehicle and related intelligent transportation system (ITS) adoption and implementation.

Intended Audience

CVP III is intended to benefit those new to the Connected Vehicle sector, as well as seasoned industry professionals. CVP III builds upon the foundational knowledge obtained in CVP I and CVP II and delves deep into new topics, such as the increasingly important policy and regulatory landscape surrounding this evolving sector.

Anyone interested in enhancing their career in this growing sector will benefit from completion of CVP III, including:

IT Professionals | Software Engineers | Automotive Engineers |
Information and Vehicle Technicians | Insurance and Telecommunications Professionals |
Transportation Providers | Business Leaders

Pre-Requisites

No pre-requisites exist for CVP III. However, it is recommended that participants successfully complete CVP I and CVP II before enrolling in CVP III.

Learning Approach

CVP III uses a blended learning approach which combines classroom and online training techniques to achieve knowledge and skill-elevated participant outcomes.

Participants attend the instructor-led portion of the course over a total five days. This classroom learning is supplemented by online reading materials, knowledge checks, and practice assessments which help to prepare participants for the final SAE International/CVTA-approved assessment.

CVP III provides a total of 40 hours of classroom and online training. Course materials will be provided in hard or soft copy format.

Certificate of Competency

Participants will receive a Certificate of Competency from SAE International and CVTA upon completion of all course requirements, as detailed below:

- Attendance of all classroom training
- Completion and submission of online learning requirements
- Passing of a SAE International/CVTA-vetted assessment

Connected Vehicle Professional™ Credentialing Program

Completion of CVP III is the third step toward obtaining Connected Vehicle Professional credentials. Please see the next page for additional information about this one-of-a-kind program.

www.mobilecomply.com
Page 3

Connected Vehicle Professional™ Credentialing Program

Mobile Comply, in collaboration with SAE International and the Connected Vehicle Trade Association (CVTA), has launched the first-ever Connected Vehicle Professional™ (CVP) Credentialing Program.

The series of three in-depth courses provides professional an understanding of Vehicle-to-Vehicle, Vehicle-to-Infrastructure, and Vehicle-to-X connectivity necessary to succeed in the rapidly advancing fields of Intelligent Transportation System and Connected Vehicle.

CONNECTED VEHICLE PROFESSIONAL™ CREDENTIALING PROGRAM

CVP I – Function, Protocols, and Architecture

Focus on connected vehicle application concepts and vision, performance functions, communication protocols, hardware architecture components and software architecture methodologies within the connected vehicle ecosystems.

Learners are given in-depth, wide-ranging course materials, suggested reading resources, and are tested on various key areas of instruction.

Total learning content equals 30 hours of training.

CVP II – Standards, Organizations, Programs, V2X

Emphasis on connected vehicle standards from various organizations such as SAE International and the Institute of Electrical and Electronics Engineers (IEEE), as well as training in Vehicle-to-Vehicle (V2V), Vehicle-to-Infrastructure (V2I) and Vehicle-to-X (V2X) technologies.

Learners are given in-depth, wide-ranging course materials, suggested reading resources, and are tested on various key areas of instruction.

Total learning content equals 30 hours of training.

CVP III – Data, Markets, Policy and Regulations

Focus on data generated by connected vehicle and data security with an introduction to major consortia and agencies supporting the development, implementation and regulation of connected cars and other connected vehicle ecosystems.

Learners are provided overviews on policies and regulations being introduced into this space, and presented with in-depth, wide-ranging course materials, suggested reading resources, and are tested on various key areas of instruction.

Total learning content equals 40 hours of training.

Individuals who successfully complete the end-of-course learning assessments are awarded the SAE International/CVTA Certificate of Competency.

Benefits of a CVP Credential

The CVP Credentialing Program helps individuals build a valuable skill set and increases professional credibility in the Intelligent Transportation System (ITS) community.

CVP is a vendor-neutral credentialing program that signifies that an individual has the requisite foundational understanding of connected vehicle and intelligent transportation best practices, in-vehicle safety, infrastructure, communication protocols, security and more.

www.mobilecomply.com

Page 4