



***Society of Cable  
Telecommunications  
Engineers***

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**ENGINEERING COMMITTEE**  
Digital Video Subcommittee

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**AMERICAN NATIONAL STANDARD**

**ANSI/SCTE 52 2008**

**Data Encryption Standard – Cipher Block Chaining  
Packet Encryption Specification**

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## 1.0 SCOPE

### 1.1 Purpose

This document defines a method for encrypting MPEG-2 transport stream packets using the Data Encryption Standard (DES) Cipher Block Chaining (CBC) encryption standard.

### 1.2 Organization

The sections of this document are organized as follows:

- **Section 1** — Provides this general introduction.
- **Section 2** — Lists applicable documents.
- **Section 3** — Provides a list of acronyms and abbreviations used in this document.
- **Section 4** — Discusses packet encryption.
- **Appendix A** — Provides examples of different Cipher Block termination methods.