

Conditional Access

Save money with simple, flexible headend management services

Comcast Technology Solutions (CTS) removes complexity and capital costs from your digital video management architecture, so you can focus on delivering extraordinary experiences to your audience. Conditional Access, part of the Managed Distribution Suite, is a national authorization service (NAS) that provides a flexible, economical solution to implement new digital technologies quickly. Conditional Access allows you to receive, process, control, and distribute digital video and audio without a local access control system.

Headend management services

- Headend device management
- STB authorization
- STB application delivery
- Guide data distribution

NAS-supported services

- Customized code download
- uDTA service-tier encryption
- TiVo guides, including:
 - R32 new EPG and multi-room DVR support
 - TiVo DTA guide
 - Emergency alert system (EAS)
 - Multiple billing and back-end systems

How Conditional Access benefits you:

- Simple and economical digital video management and support for CommScope headends
- Supports widely used SD and HD set-top boxes (STBs) and DTAs from CommScope, Pace, Technicolor, Evolution, and CableCARD compatible devices (e.g., TiVo)
- Service-tier encryption for uDTAs, providing systems with the option to set up DTAs with tiers within their billing environment, a low-cost solution for an all-digital system
- Reduced capital investment in equipment necessary to manage a digital system, including Conditional Access systems, guide distribution servers, centralized CASMR, and application carousels
- Access to NAS Headend Management Report in the Managed Distribution Self-Service Portal

Supported devices and billing systems

ROM-based set tops

DCT-2000 Phase 0, 1, 2.1, 2.2, 2.3 DCT-2000 Phase 2.4, 3, 4, 4.1, 6

2000 Class

DCT-2000 Phase 7, Phase 8, Phase 9 DCT-1800 Phase 1
DCT-1700 Phase 0, 1 DCP-501, DCP-503

2500 Class

DCT-2500 Phase 0, 2, 3, 4 DCH-200, DCH-100, DCH-70
DCT-700 Phase 0, 1, 2, 2.7

Advanced set tops

DCT-5100, DCT-5100 DVI	DCX-3300M
DCT-6200/1xxx 64MB Phase 0-1, 2	DCX-3501M
DCT-6200/2xxx 128MB Phase 0-1, 2	DCX-3510M
DCT-6208/1xxx 64MB Phase 0-1, 2	DCX-3520eM
DCT-6208/2xxx 128MB Phase 0-1, 2	DCX-4220e
DCT-6412 & DCT-6416 Phase 1, 2, 2.3	DCX-3200p1, Mp1, p2, Mp2
DCT-6412 & DCT-6416 Phase 3	DCX-700, M
DCT-3412, DCT-3416	DCX-700e, eM
DCT-3080	DCX-3200Mp3
DCH-6416, DCH-3416	DCX-3210e
DCH-6200, DCH-3200	DCX-3220e
DCX-3400	DCX-525e

Pace

TDC779X, -M, All Analog CableCARD
TDC780X Tahoe Analog CableCARD

CableCARD

S-CableCARD
M-CableCARD Phase 1-2,3

DTA devices

Pace
PACE SD uDTA
PACE 50X
PACE 50xu
PACE 60Xu
CommScope
HD-uDTA 100u Phase 2
HD-uDTA 100u Phase 1
Commscope SD DTA
Evolution
e-box
HD-uDTA DMS-2004UDS (Residential)
HD-uDTA DMS-2004 UHDW (Wall Mount)
SD-uDTA DMS-2002U
Technicolor
DCI10X

Headend devices (CommScope)

OM2000
SEM V8
SEM V12
APEX 1000

DTA service-tier encryption edge device firmware requirements

Apex 2.6.5/SEM 7.4.7 SCTE-52 Encryption mode required

Supported billing systems

Amdocs	ETI	RR Enterprises
Azar Computer	MACC	SubscriberNet
CSG	Great Lakes Data Systems	Northland
Connexn	Innovative Systems	Convergys

Technology tailored for your business

Built on Comcast's know-how, proven facilities, scalable platforms, and infrastructure, Comcast Technology Solutions (CTS) offers more than 30 years of reliable real-world media and advertising experience. CTS offers a portfolio of technology solutions that provide companies with the technology, scale, and expertise to expand and succeed in rapidly changing global media and entertainment markets.

Find out more

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