

✓ TRAI SCHEDULE X COMPLIANT

TRAI-compliant DRM for IPTV in India.

Built for **Schedule X** of TRAI's Interconnection (Addressable Systems) Regulations, 2017, as amended in 2023. Runs **on-premise in your Indian data centre**, synced with your SMS - and ready for your annual audit.

IPTV · OTT

WIDEVINE L1/L3

FAIRPLAY

PLAYREADY

DATA LOCALISED IN INDIA

FOUR AREAS · ONE DRM PLATFORM



01 SMS integration

Your SMS stays in charge of every activation.



02 Conditional access

Only valid subscribers, only in India, single device.



03 Messaging & fingerprinting

Every stream traceable to a single STB.



04 STB & app devices

Each device addressable from your head-end.

SCHEDULE X · CORE OBLIGATIONS

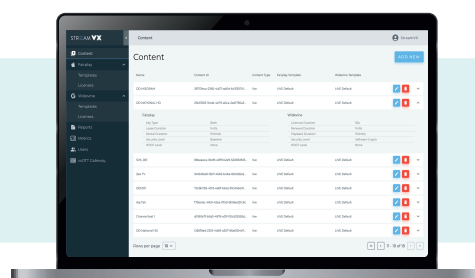
Every key obligation. Checked.

- ✓ **Real-time SMS-DRM sync**
Activation & deactivation only from the SMS, every command logged
- ✓ **Key rotation & fresh keys**
Configurable crypto period, new licence on every channel change
- ✓ **Head-end messaging to STB**
OSD, ticker and messages - global, group or individual
- ✓ **Copy & output protection**
Rules set in the licence, enforced by the device DRM client
- ✓ **Monthly SMS-DRM reconciliation**
Export of devices, entitlements and products
- ✓ **Uneditable logs, kept 3 years**
Append-only audit trail, read-only auditor access
- ✓ **India-only, single-device viewing**
MAC ID-based authentication locks viewing to a single device
- ✓ **Fingerprinting**
Global, per channel or per device - 24×7×365, with reporting
- ✓ **Device whitelist / blacklist**
Instant blacklisting by device ID or MAC
- ✓ **Data localisation**
On-premise, hybrid or air-gapped - no calls abroad



Live in production. Not a concept.

vxDRM Gateway is a shipping product, running in production today and protecting live and VOD services for broadcasters and operators. No roadmap promises - **a platform you can see working.**



WIDEVINE

CERTIFIED WIDEVINE
INTEGRATION PARTNER

Audit-ready out of the box · multiple TRAI reports
www.streamvx.com · sales@streamvx.com

What TRAI requires - and how we answer.

Since the Fifth Amendment of 14 September 2023, IPTV operators in India must use a DRM that meets **Schedule X**. It treats DRM as the IPTV equivalent of CAS and is verified in the distributor's **annual audit**. Schedule X is complex, but it comes down to four areas.

01

SMS integration

The SMS drives every activation, and the DRM must stay in sync with it.

- REST API for real-time activation and deactivation
- Entitlement and device export for monthly reconciliation
- Per-channel, à la carte and bouquet entitlements

02

Conditional access & encryption

Only valid, current subscribers on approved devices in India can decrypt.

- Per-channel keys, configurable crypto period
- India-only geo-lock, MAC ID binding, single device
- Whitelist / blacklist, uneditable 3-year logs

03

Messaging & fingerprinting

Fingerprints must identify the unique STB or subscription.

- Messaging & fingerprint commands from the head-end
- Global, channel-level and per-device fingerprints
- At least every 10 min, 24×7×365, with reporting

04

STB & app devices

Devices take keys and commands only from your IPTV system.

- Widevine L1/L3 & FairPlay licence evaluation
- Individually addressable devices; global, group and individual messaging
- Output and copy protection enforced in the licence

BUILT FOR THE WHOLE VALUE CHAIN

What it means for you.

IPTV & OTT OPERATORS

Pass your TRAI audit.

SMS-driven control, uneditable 3-year logs and multiple audit reports generated by the DRM itself - on demand, for any date.

BROADCASTERS & CONTENT OWNERS

Know where every stream goes.

Per-device fingerprinting, India-only playback, output protection and subscription reports that show exactly who watches your channels.

MIDDLEWARE & SMS VENDORS

Integrate once. Ship compliant.

REST APIs for SMS sync, CPIX for any packager and a native vxApps stack - give your customers a TRAI-ready DRM without building one.



Widevine

L1 & L3, TEE licensing.
Android, Chrome, Smart TVs



FairPlay

HLS to iOS, iPadOS, macOS,
tvOS



PlayReady

SL2000 / SL3000.
Windows, Xbox, STBs



Mcast DRM

Multicast IPTV, plus
ClearKey HLS



Any CDN

Live & VOD over DASH, HLS,
CMAF

BOOK A DEMO · REQUEST A POC

See it running.

It's in production - so we can show it live. Our engineers will map vxDRM Gateway to your SMS, head-end and device fleet.

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