

C-CAS[®] (Conditional Access System)

CAS is the most important sub-system in the Broadcasting Value chain responsible for allowing access of the contents to the legitimate users. C-DOT has developed a state of the art Conditional Access System for the Broadcast network. C-DOT CAS boosts the STB manufacturing and enables the STB manufacturers of the country towards sustainable "Make in India" initiative and provides impetus towards "Atma Nirbhar Bharat" in the true spirit of it by propelling innovations in this segment. The Mobile OTP based mechanism in C-DOT CAS is a unique feature that can very effectively be used to keep track and periodically undertake verifications of the end users/subscribers in the network. C-DOT CAS is among the very few Indian CAS solutions which are otherwise dominated by solutions from developed countries.



Product Features

- DVB Simulcrypt (ETSI TS 103197) compliant
- Periodic Key refreshment feature
- Advanced High Security through Hardware enabled features
- Additional security using mobile OTP feature
- Highly efficient bandwidth management while passing info from Headend to Receiver
- Smart Card based and Cardless (both variants)
- Supports fingerprinting
- Supports DVB-C and DVB-S/S2
- End to End solution with Subscriber Management System (SMS)
- Highly scalable
- Has C-DOT's own reference middleware
- NIST CAVP certified