

About ETSI

ETSI is one of the world's leading standards development organizations for Information and Communication Technologies (ICT). Founded initially to serve European needs, ETSI has grown rapidly to become highly-respected as a producer of technical standards for worldwide use.

ETSI membership is composed of manufacturers and network operators – all the “big names” and many smaller companies too – plus national administrations, ministries, regulators, universities, research groups, consultancies and user organizations. A powerful and dynamic mix of skills, resources and ambitions, all working together to bring the very best ICT solutions to the global marketplace. Geographically, our membership of over 750 companies and organizations is drawn from more than 60 countries on 5 continents.

ETSI is independent of all other organizations and structures, a key feature for ensuring neutrality and trustworthiness. That brings benefits not only in the acceptance of our standards and other publications, but also in our growing range of ancillary services, such as interoperability testing. And because standardization inevitably draws upon the bright ideas of our members, we have an Intellectual Property Rights (IPR) policy in place that has become the model for many other organizations.

Your company can be part of this dynamic organization. For more information, please visit and contact:

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The CSA3 algorithm



DVB[®]

Available from ETSI — the DVB CSA3 Algorithm

The DVB Project's Conditional Access "package" includes a Common Scrambling Algorithm, or CSA. The latest version, CSA3, has been approved by the Steering Board of the DVB Project and is available from ETSI.

The algorithm consists of the DVB CSA3 Descrambling System and Scrambling Technology. The specification for each is distributed separately under arrangements with ETSI, which acts as custodian for the six companies which have developed the algorithm.

The **DVB CSA3 Descrambling System** is licensed to manufacturers of decoders and their components, and to providers, designers and other entities engaged in conditional access.

The **DVB CSA3 Scrambling Technology** is licensed to manufacturers of scramblers, who will in turn sublicense to the purchasers of scramblers.

There are three types of licence agreement:

For users wishing to receive the confidential information relating to the algorithm:

- The **DVB CSA3 Descrambling System** Licence and Non-Disclosure Agreement
- The **DVB CSA3 Scrambling Technology** Licence and Non-Disclosure Agreement

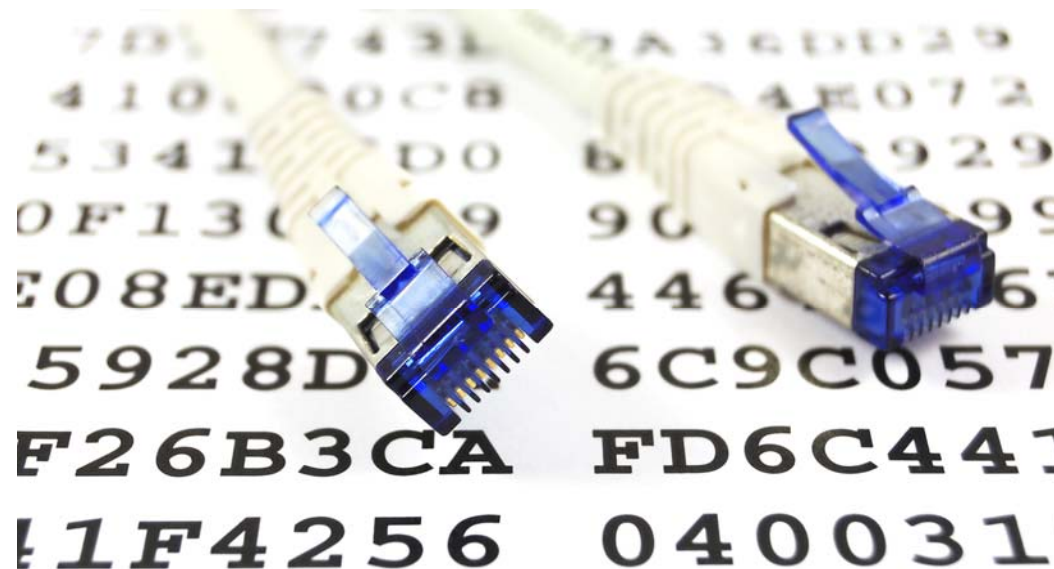
For those not wishing to receive the confidential information:

- The **DVB CSA3 Descrambling System** Licence

The various agreements, together with the licensing conditions, are available on the ETSI website at:

<http://www.etsi.org/WebSite/OurServices/Algorithms/DVB CSA3 Algorithm.aspx>

ETSI is custodian of various conditional access and security algorithms, codes and test suites.



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