

The background of the page features a modern living room. A large television is mounted on a light-colored wall, displaying a scenic view of mountains at sunrise or sunset with two hot air balloons floating in the sky. The room includes a wooden cabinet below the TV and a light-colored floor.

Irdeto Managed Conditional Access

In a highly competitive media landscape, content still reigns as the undisputed king. Premier sporting events and blockbuster movies attract huge audiences, whilst simultaneously demanding impenetrable security to protect these massive investments in prime content. Conditional Access (CA) and Digital Rights Management (DRM) providers respond to the call for advanced security with solutions that comply to MovieLabs' Enhanced Content Protection (ECP) Secure Media Pipeline (SMP) and High Definition Content Protection (HDCP 2.2).

CA systems must become increasingly more complex to satisfy the myriad of requirements imposed on these systems, but this complexity should not impose a burden on broadcasters and signal distributors. In a world of complexity, perfection still resides in simplicity and it is with simplicity in mind that Irdeto B.V. provides Managed CA solutions. At Irdeto, we believe that operators should be free to focus on keeping their viewers entertained without being burdened by the complexity of technology.

Irdeto Managed CA services assist operators and broadcasters to break free from the trauma associated with continuous technology evaluation and budgeting, defending expenditure on hardware replacement cycles or planning datacentre requirements. Your CA system is left in the delicate care of a team of highly trained and experienced professionals that live and breathe security, allowing your technical team to focus on maintaining the media delivery systems whilst resting, in the assurance of knowing that the protection of their content is one less thing to worry about.



KEY BENEFITS

Flexibility

Though all broadcast operators have a single goal in mind – to keep viewers engaged and entertained – no two operators are exactly the same. Established operations may want to protect and maintain an existing subscriber base whilst start-ups may want a simple yet effective CA system to enable business growth. Irdeto offers a tiered product offering catering for all user requirements whilst maintaining an agreed Service Level (SLA).

In the unlikely event where our standard product catalogue does not satisfy your exact requirements, the specialists at Irdeto will help you define a bespoke service model and pricing structure that fits your needs and your budget.

Reliability

In a world where consumers are bombarded with choice, operators have to maintain a reliable service to ensure that negative sentiment don't tempt viewers to explore alternatives. Gone are the days where system design errors and early-morning scheduled maintenance caused service interruptions. With Irdeto Managed CA, you can rest assured that your CA system is always on, backed up by inherent design redundancy and operator support. Your system is always up to date with new features and stability releases, continuously serving the protection keys that secure your content.

Time

Opting for a managed CA solution drastically reduces the implementation time. Gone are the delays caused by infrastructure security audits, datacentre due diligence and the logistical nightmares caused by shipping and customs procedures. The Irdeto Managed CA solutions adapt and grow at the pace set by the operator, expanding and contracting as required without the need for the operator to architect and design scalable solutions and waiting on budget cycles to come into effect before implementing.

Irdeto Managed CA offers the benefits of a reduction in deployment time combined with the ongoing benefit of enhanced incident support time. With Irdeto Managed CA, your CA system is under constant monitoring by our experienced staff and incident managers located in the Irdeto Service Operations Centre in Hoofddorp. In the unlikely event that an incident occurs, our team will coordinate, escalate and resolve the matter in an efficient and professional manner.

Cost

Operators are increasingly being challenged to provide high value services in low ARPU markets. With revenue under pressure, reducing operating costs become non-negotiable. Outsourcing your CA system to Irdeto, frees your business from annual support and maintenance charges, cyclic capital replacement expenditure and allows Irdeto to leverage the economies of increased scale by hosting multiple CA systems in high density configurations, driving down operating cost. This results in reduced cost per tenant and an associated reduction in the cost of each subscriber. In addition, hereto, operators are given the freedom to choose the option of a pure Opex model, easing the pressure on cash flow during the commencement phase of the project, be it during start-up or during a replacement cycle, whilst allowing the business to leverage profitability to sustain the investment.



SERVICE DESCRIPTION

Managed CA Service

With Irdeto Managed CA, the CA infrastructure like KMS, key servers, and DVB streamers are hosted on customer premises, however, managed and maintained remotely by the Irdeto specialists. This model is used when local regulations prohibit operators from hosting infrastructure away from their premises and gives the operators the required support and peace of mind with a managed infrastructure service.

Hosted CA Service

With Irdeto Hosted CA, the CA infrastructure is procured upfront by the operator and hosted in one of the Irdeto secure datacentres, coupled with management, maintenance, and support according to any one of the standard service tiers or alternatively accompanied by a bespoke service offering. This model is popular for operators who like to leverage the benefit of a once-off project related capital expenditure budget, coupled with reduced ongoing support and maintenance.

Cloud CA Service

The Irdeto Cloud CA solution provides operators with an end-to-end service model without the hassle of having to invest in hardware. Keys are served from the Irdeto cloud to scramblers or multiplexers via a secure tunnel over the public internet. This model is popular for operators who prefer an Opex-only payment model, preferring not to be burdened by any of the design, procurement, logistics or commissioning activities required in establishing an encryption platform.

Disaster Recovery CA Service

As your business grows and thrives in success, so does the need to ensure an uninterrupted service platform. Irdeto DR CA provides the perfect platform of having an active standby CA system to maintain the operation when the primary CA system is affected for any reason. The Irdeto DR CA can be tailor made from any of the Managed CA, Hosted CA or Cloud CA platforms. This model is particularly attractive to large incumbent operators that require business continuity without the appetite to invest in secondary facilities and or platforms.

The Irdeto Managed CA solution is part of the Irdeto 360 security platform. The Irdeto Managed CA solution is complemented by other services in the Irdeto Managed Services suite. For more information, ask your Irdeto Partner about:

- Irdeto Managed Compression Platforms
- Irdeto Managed Delivery Networks
- Irdeto Managed Video on Demand
- Irdeto Cyber Services
- Irdeto Anti-Piracy Services
- Irdeto Turnkey Project Management

Irdeto is the world leader in digital platform cybersecurity, empowering businesses to innovate for a secure, connected future. Building on over 50 years of expertise in security, Irdeto's services and solutions protect revenue, enable growth and fight cybercrime in video entertainment, video games, and connected industries including transport, health and infrastructure. With teams around the world, Irdeto's greatest asset is its people and diversity is celebrated through an inclusive workplace, where everyone has an equal opportunity to drive innovation and support Irdeto's success. Irdeto is the preferred security partner to empower a secure world where people can connect with confidence.