intertrust®

Kiora™
End-to-end Entertainment Everywhere Delivery Platform

Today's mobile consumers of digital media expect immediate and uninterrupted access to entertainment whenever and wherever they go. As a result, digital consumers can get frustrated where they face limited bandwidth (such as public WiFi) or simply where no connectivity is possible.

Kiora™ is a secure platform from Intertrust that enables content service providers to publish and deliver protected content via high quality local WiFi video streaming. This patented platform provides complete end-to-end content delivery and streaming that is suitable wherever Internet bandwidth is limited or unavailable. Kiora is easy to deploy and meets customer requirements, either for localized low-cost hardware or through a virtualized deployment for transportation and hospitality entertainment applications.

Transportation: Kiora's secure streaming and offline playback to mobile devices is well-suited for in-vehicle entertainment such as taxis, buses, planes, and trains— where Internet bandwidth is often limited. It provides a cloud management platform to remotely manage and distribute content to passengers without the need for upstream bandwidth connectivity. It uses the industry standard and studio-approved Marlin DRM along with Google Widevine Modular and Apple FairPlay Streaming to securely stream content to offline environments.

Hospitality: Kiora is a lower-cost alternative to expensive broadband infrastructure and is ideal for hospitality environments. It creates content hotspots or WiFi zones for hotels, hospitals, army bases, correctional institutions and more. It is approved by various content studios to securely stream content.

Business Benefits

Entertainment on the go with an enhanced user experience
The Kiora app and mobile SDK integrate with branded client native applications, specifically with Android and iOS systems, to cover the widest range of popular mobile devices. Kiora web apps run on browsers that support native DRMs such as Google Widevine Modular and Apple FairPlay Streaming. This gives customers a robust multi-device app or browser-based content viewing platform.

Robust security for seamless delivery
Kiora is built on a studio approved content security solution for offline streaming environments using the Marlin DRM. It also supports secure content delivery channels that rely on Widevine and FairPlay DRMs and is interoperable across different devices (iOS and Android) and browsers (Chrome and Safari). Kiora takes advantage of the tools and solutions provided by WhiteCryption™ to meet the compliance and robustness rules mandated by content owners.

Access to hundreds of hours of premium content
Through Intertrust's partnership with Filmbankmedia, the Kiora platform provides premium film and TV series content from Warner Brothers, Sony Pictures, Twentieth Century Fox, Lionsgate, and National Geographic. Filmbankmedia offers content in more than 20 languages and provides dubbed and subtitled versions for various geographies or customer needs.

Features

Kiora Management Center (KMC)

Kiora Management Center is a multi-tenant cloud platform for managing content download and provisioning. With a single portal for managing all Kiora operations, the Kiora Management Center provides an intuitive user interface for managing licences, metadata, content ingestion, and Kiora appliances.

The Kiora cloud platform runs globally on Amazon Web Services (AWS) regions and provides administrative access to the Kiora Management System from a secure and authenticated browser-based administration console

Client-side SDK and apps for mobile and laptop devices

The Kiora's user experience is enhanced by compelling Android and iOS apps for covering mobile devices, as well as on popular browser platforms. Out-of-the-box, white label apps (for Android and iOS) are available for customers to create custom branding for users browsing or playing secure content.
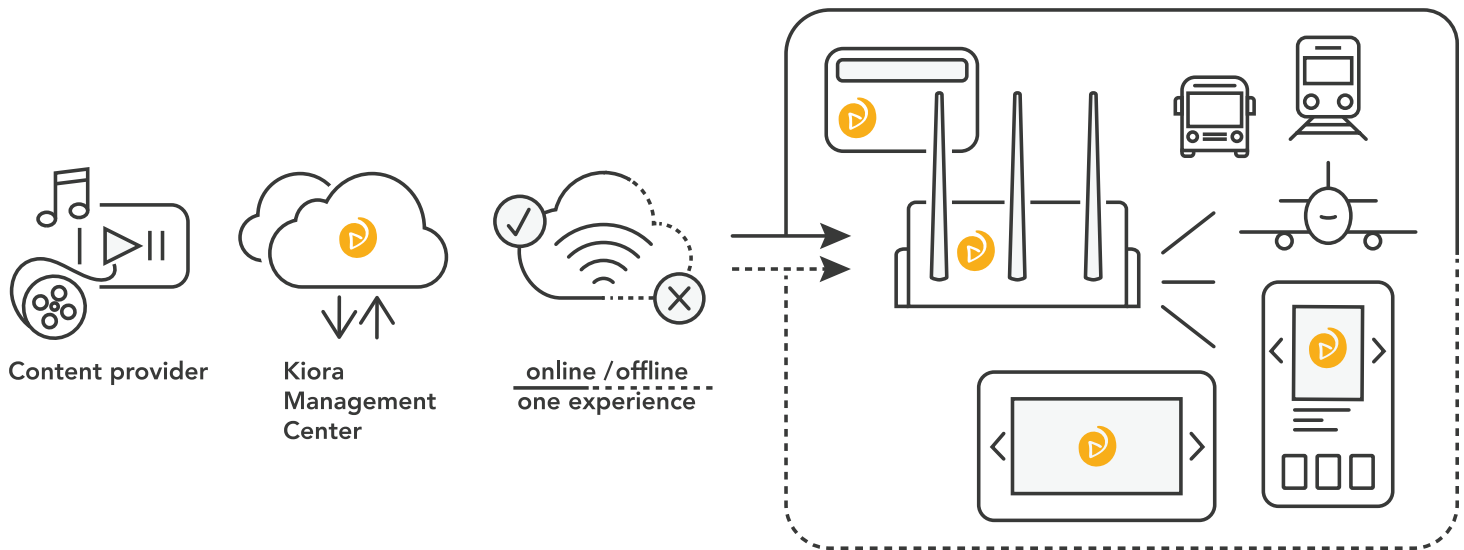
The DRM SDK used in Kiora mobile SDK is Intertrust's state-of-the-art whiteCryption Code Protection™ solution, and cryptographic keys are protected using whiteCryption Secure KeyBox™ cryptographic technology.

Kiora Virtual Appliance (KVA)

The Kiora virtual appliance is a complete turnkey solution for deploying Kiora to customer- or Intertrust- provided hardware. It can be ported to any customer's hardware and is secured by whiteCryption for tamper-resistant software protection.

The system is also available as a hardware appliance which includes the Kiora Nano™ (specifically designed for in-cab environments) and Kiora FreeStyle™.

End-to-end Kiora Entertainment Everywhere Delivery Architecture

Content provider

Kiora Management Center

online / offline
one experience