

# Kinoton Remote Service



## The Kinoton Remote Service platform opens up new possibilities for servicing complex D-Cinema installations.

The highly secured KRS system, based on state-of-the-art Internet technologies, allows authorized service engineers to access connected D-Cinema installations anywhere in the world. This facilitates solving faults in the shortest possible time, reducing downtimes and in the best case even saving the customer's next show. Typical maintenance and service jobs like log file extraction, troubleshooting and software setups/updates can also be performed remotely, without an on-site visit.

## Top Features

- » Access via trusted Kinoton KRS server platform
- » Customer has full authority about remote access by means of a user-specific Kinoton Security Key
- » Worldwide accessibility
- » Minimizes downtimes
- » Early identification of upcoming technical problems
- » Online support for user applications
- » Cost-saving: in best case on-site visits are not required
- » Detailed information in advance for preparing on-site visits (problem already verified, required spares known etc.)

### Possible Remote Activities:

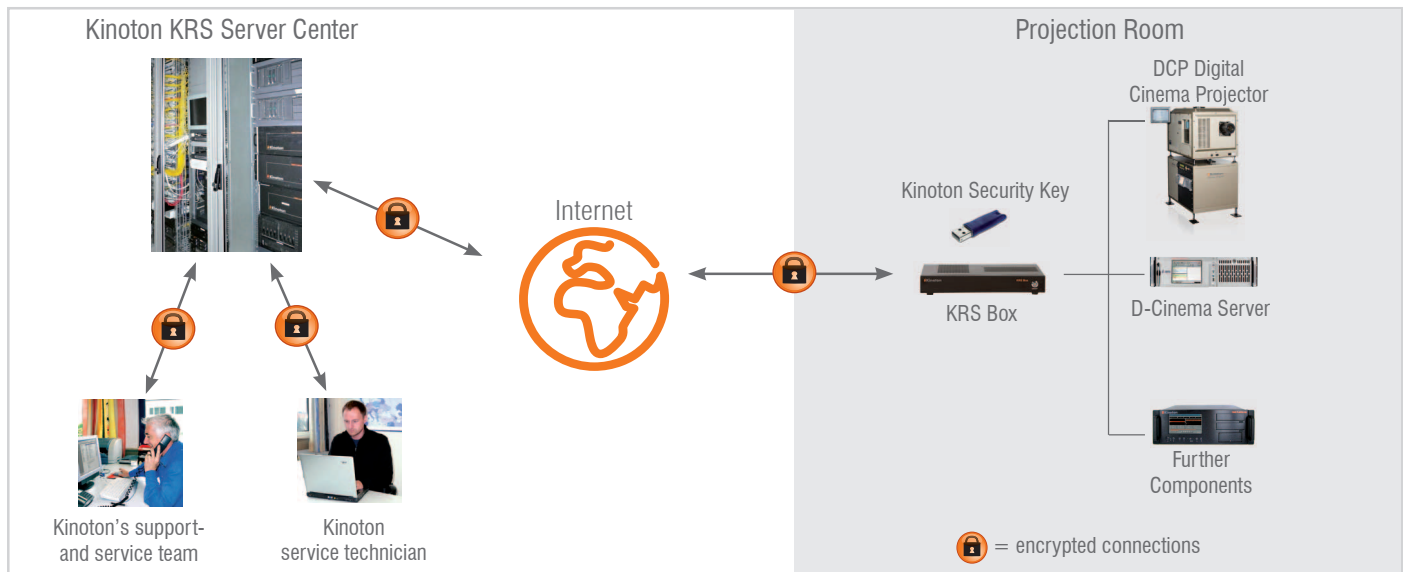
- » Log file analysis
- » Status requests
- » Execution of test routines

- » Read-out of error messages
- » System administration
- » Set-up adjustment
- » Software and firmware updates

### Security Features:

- » Sophisticated user and user group management for utmost customer protection
- » Encrypted connections between theatre, engineers' laptops and Kinoton Remote Service server for highest possible protection against unauthorized access
- » State-of-the-art firewall protection
- » Secure user authentication via forgery-proof hardware key (Kinoton Security Key) prevents unauthorized access

## Kinoton Remote Service Tool



Encrypted connections prevent access of unauthorized third party from outside of the projection room. The Kinoton Remote Service Tool is authoritatively secured by the Kinoton Security Key.

### Kinoton Remote Service Box (KRS Box)

The KRS Box provides a secure access to the Kinoton Remote Service Server. It is completely pre-installed and readily configured, facilitating the integration of the customer D-Cinema system into the Remote Service System and reducing the time needed for installation.



### Kinoton Security Key

The Security Key is an absolutely forgery-proof electronic hardware key giving full control over the remote service access. It serves as a user-specific "ignition key". The theatre owner can prevent any remote access to the connected D-Cinema systems by simply drawing the Security Key from the respective KRS Box. Every authorized service engineer also owns an individual Security Key that ensures that the engineer can only access the D-Cinema systems belonging to his specific user group. Furthermore the Security Key guarantees the secure encryption of the connections between the KRS server, the D-Cinema systems and the laptops of the service engineers.



### Technical Requirements at the Theatre

- » 1 Kinoton Remote Service Box (KRS Box) per screen
- » 1 Kinoton Security Key per screen
- » Kinoton Remote Service software
- » ADSL Internet access in the booth (provided by customer)
- » Networking of all serviced devices in the booth (Ethernet, RS232, USB etc.) with the KRS Box



**Kinoton GmbH**  
 Industriestrasse 20a  
 82110 Germering / Germany  
 Phone +49 (0)89 894446-0  
 Fax +49 (0)89 8402002  
 welcome@kinoton.de  
 www.kinoton.com