

Theatre Management System

A comprehensive solution for centralized cineplex management



The **GDC Theatre Management System (TMS)** is a powerful tool that offers users a centralized point of control for an entire cineplex. Optimization of your digital cinema system is made easy with the TMS, which allows you to automate and streamline your entire theatre operation.

The TMS comprises following major modules for theatre management:

- **User Security Manager**
- **Content Manager**
- **Data & Key Manager**
- **Show & Schedule Manager**
- **Monitoring Manager**
- **Screen Control Manager**

By linking up the digital cinema systems in a cineplex, the TMS enables users to efficiently manage the cinema's digital content and screens from a single location. The processes can be performed with greater ease like:

- **Content distribution**
- **Key distribution**
- **Show editing and scheduling**
- **Status monitoring**
- **Playback control**



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GDC manufacturing
facility is
ISO 9001 : 2000 certified.



PB-0010-0908-V1E

TMS-1000 Theatre Management System Technical Specifications

Hardware Requirements

Basic Requirements

- Windows XP with SP3, Windows Vista with SP1 and Windows 7
- Intel Core 2 Duo 2.8GHz Processor or equivalent
- Minimum 1GB RAM
- Minimum 1xVGA output with display resolution 1280x800
- Minimum 1xLAN
- Internal HDD (Minimum 40GB for OS and TMS software)
- Internal HDD or External HDD for Digital Cinema Content Storage (typically 1TB)
- Mouse/Keyboard/Monitor

Recommendations

- 2 GB RAM
- Wide screen display resolution 1440x900
- LAN1: 10/100 Ethernet Adaptor (Management)
- LAN2: 10/100/1000M Ethernet Adaptor (Content)
- Dedicated Storage Server with multiple-Terabyte capacity

Optional

- Optical drive: DVD-ROM or Blu-ray
- CRU drive (for faster ingest of content)
- eSATA (for faster ingest of content)
- USB2.0
- Broadband Internet connection (for online services such as KDM delivery, SNMP monitoring, content delivery, etc)

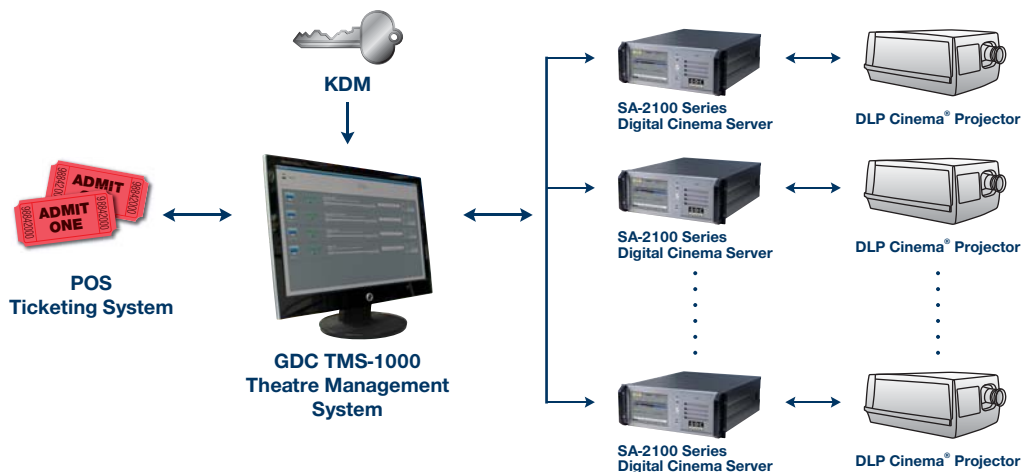
Language Versions

- English
- Simplified Chinese
- Traditional Chinese
- Korean
- Japanese (Estimated availability: Q1 2010)
- Spanish (Estimated availability: Q1 2010)

Third Party Software Applications

- PostgreSQL 8.3.1
- FileZilla FTP Server 0.9.27
- Net-SNMP 5.4.2
- Real-VNC 4.1.2
- Web browser equivalent to Internet Explorer 6 or later
- VPN Client (optional)

TMS-1000 Theatre Management System Organization



TMS-1000 Theatre Management System Major Modules

User Security Manager

User accounts can be assigned to predefined groups (Super User, Show Manager and Projectionist) to restrict their TMS access privileges.

Content Manager

The Content Manager enables users to receive, log the arrival of, and validate the receipt of content via network or physical media. Content can be ingested from the central storage system and delivered to individual servers in the cineplex.

Data & Key Manager

Key Delivery Messages (KDMs) can be ingested into the TMS and distributed to the respective servers in the cineplex. This module also can be utilized as a tool for storing, filtering, and reviewing the servers' system logs.

Show & Schedule Manager

Show Playlists and Show Schedules can be swiftly created in advance for daily or weekly use. Shows can be scheduled by importing data from a cineplex ticketing system.

Monitoring Manager

Users can keep a close watch on the connection and playback status of all servers in the cineplex. Server errors will be recorded and reported in the TMS interface.

Screen Control Manager

Authorized users can remotely control playback and execute projector and server automations throughout the cineplex.