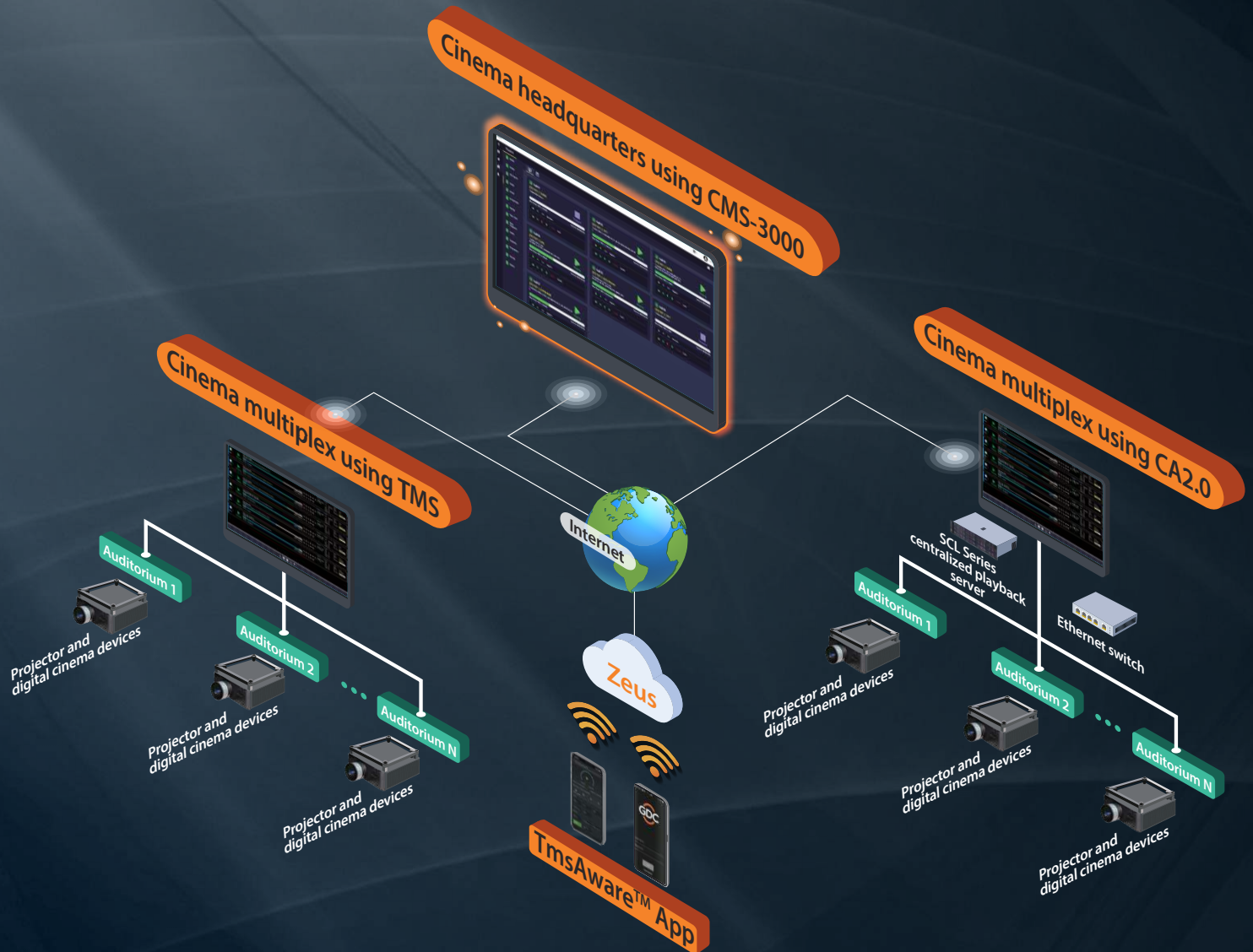




# CMS-3000

## Web-based Central Management Enterprise Software

Your comprehensive solution to manage screenings across an entire cinema circuit from its headquarters



CMS-3000 is an enterprise software which enables centralized management of content transfer, screen advertisements and program schedule, allowing the remote cinema headquarters or support center to have control and visibility of the entire circuit. It helps achieve high operational efficiency by:

- integrating seamlessly with an exhibitor's pre-show advertising and entertainment program to streamline the advertising workflow;
- allowing any circuit with multiple locations to help eliminate redundant time and labor spent on the same routine tasks with local TMS and/or CA2.0;
- supporting multiple user access simultaneously anytime and anywhere with its web-based application.

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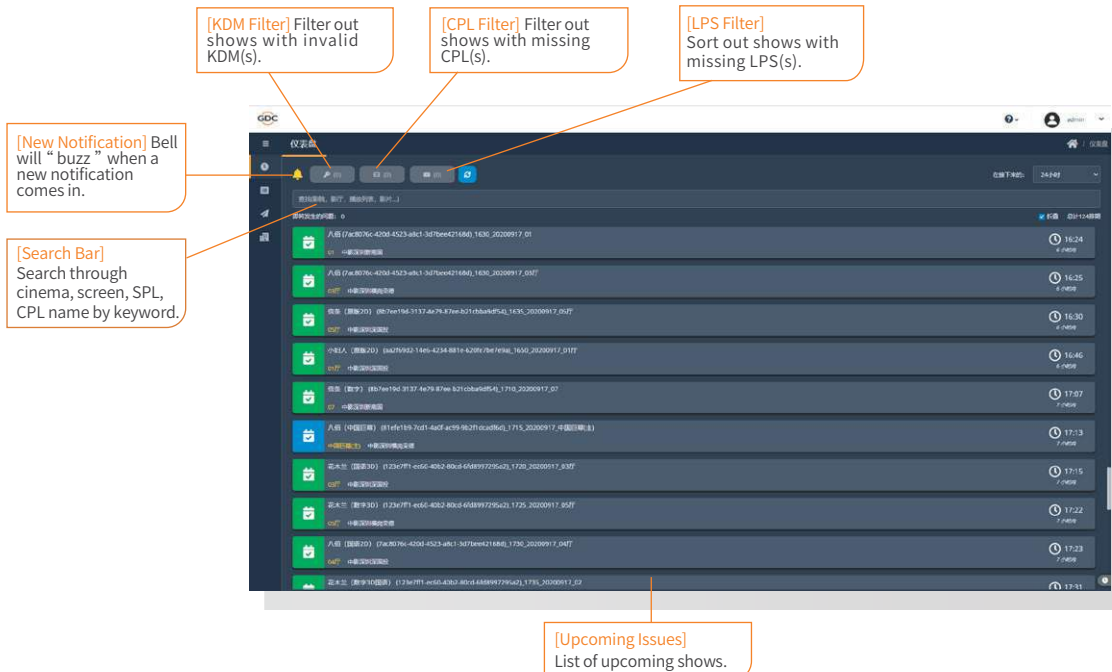


Powering your digital cinema experience

[www.gdc-tech.com](http://www.gdc-tech.com)

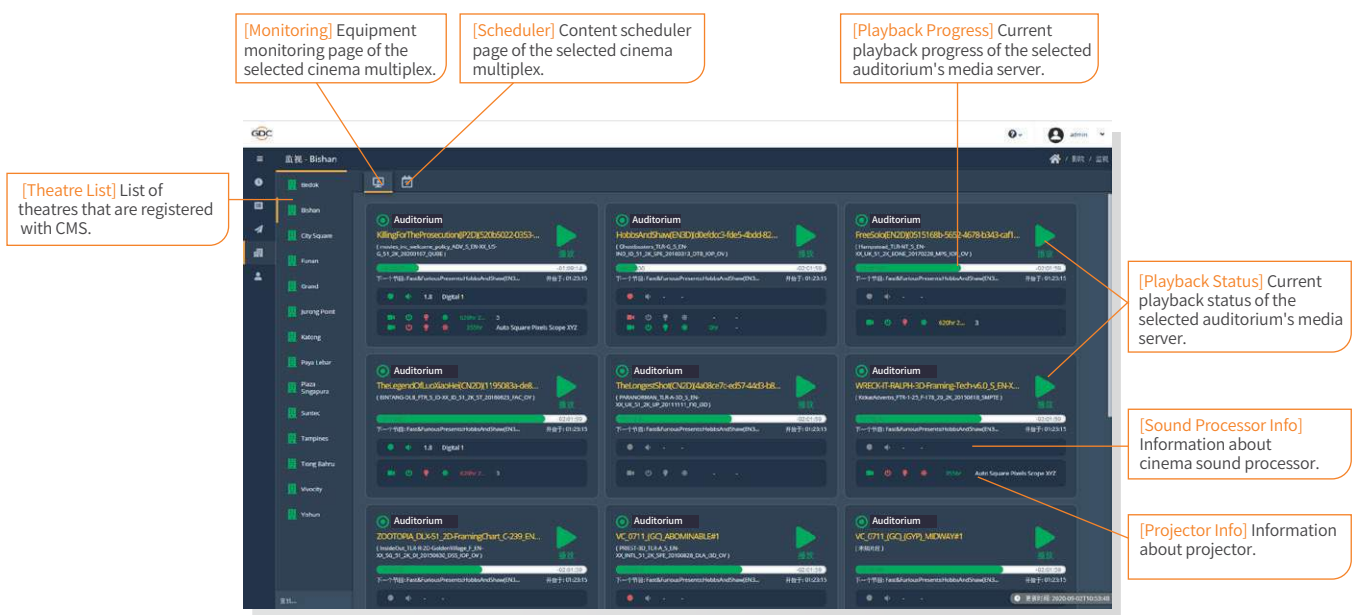
# Dashboard

- Provides an overview of all upcoming scheduled shows organized by showtime for an entire circuit.
- Uses multiple color codings to represent the status of the scheduled shows.
- Sorts out the scheduled shows with missing Composition Playlists (CPLs), missing Live Play Sources (LPSs) or invalid Key Delivery Messages (KDMs) with different filters.



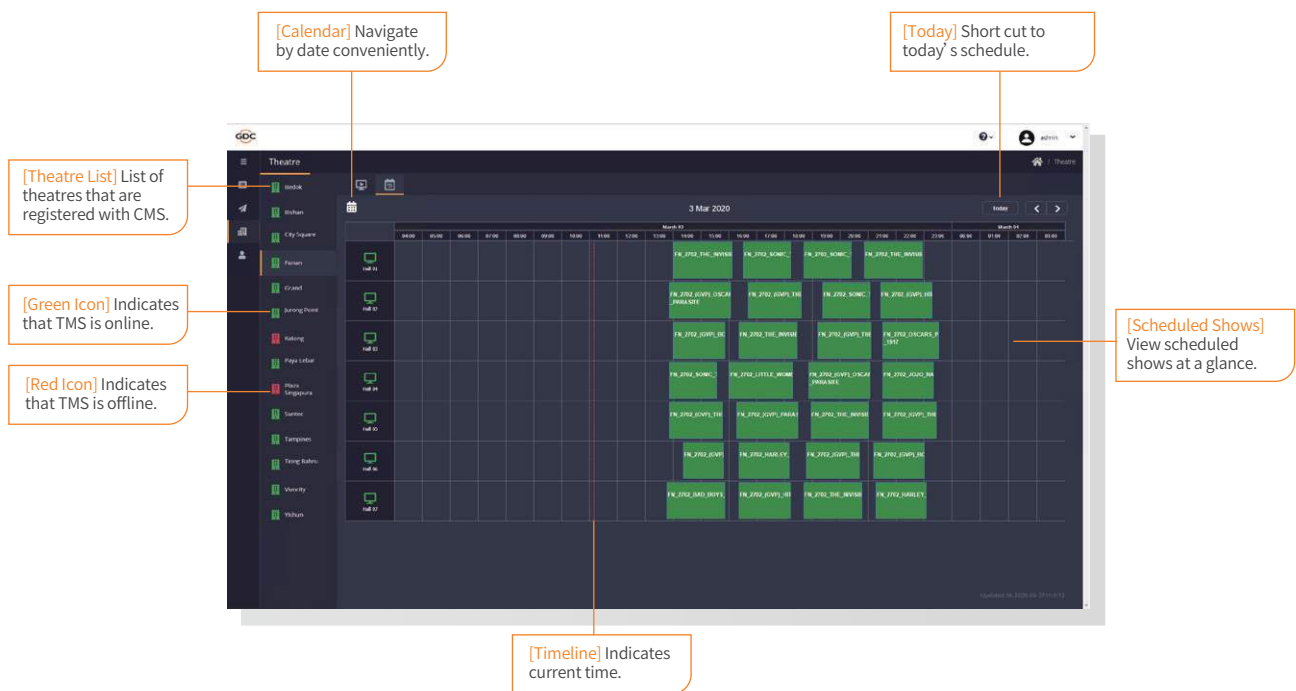
# Monitoring

- A centralized view of all sites in the circuit to monitor real-time playback status, sound processors and projectors.



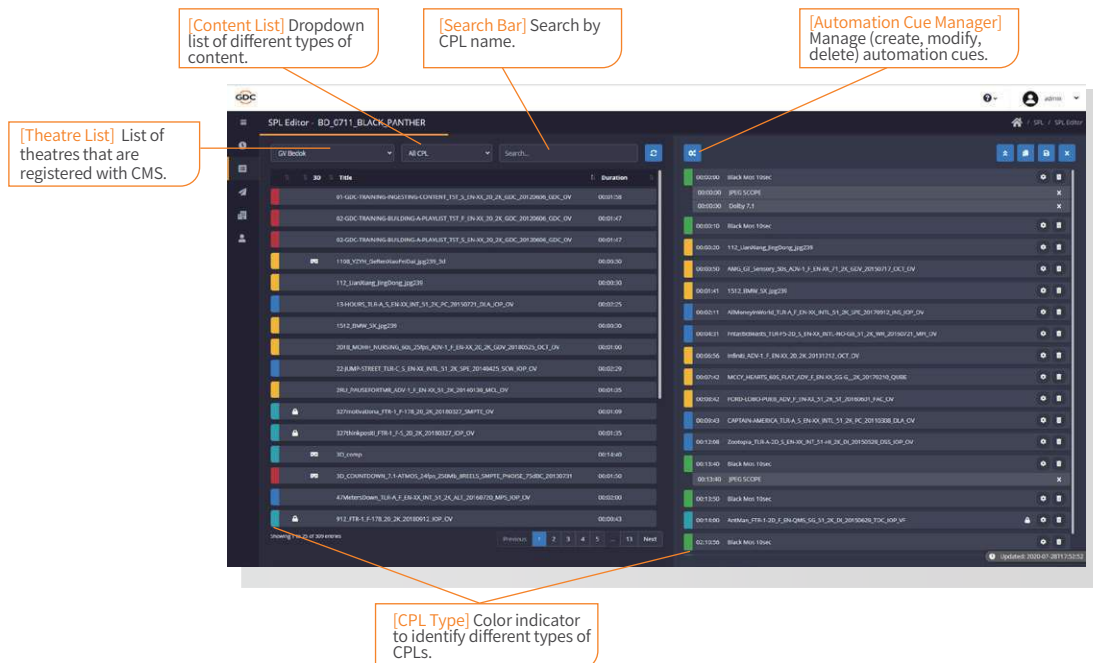
# Scheduler

- A centralized view of the scheduler of each registered TMS in the entire circuit.
- Allows users to amend the schedules instantly from the headquarters.



# SPL editor

- Allows users to create and edit Show Play Lists (SPLs), which can be sent to all or specific cinemas from the CMS at headquarters.
- Synchronizes with all the cinema's CPL metadata to show all related information without requiring physical content stored in the CMS at headquarters.



# Pack editor

- Allows users to create and edit Packs with all the necessary rules, which can be sent to all or specific cinemas from the CMS at headquarters.
- Synchronizes with all the cinema's CPL metadata to show all related information without requiring physical content stored in the CMS at headquarters.

The screenshot shows the 'Pack Editor - (CMS) Local Advertisement Placeholder' interface. It features a list of content items on the left, a search bar at the top, and a configuration panel on the right. Callouts identify the following elements:

- [Content List]** Dropdown list of different types of content.
- [Search Bar]** Search by CPL name.
- [Theatre List]** List of theatres that are registered with CMS.
- [Restrictions Configuration Panel]** Set restrictions to the Pack (e.g. placeholder, rating, POS title, priority, date time range, theatre and attribute restrictions).

# Content transfer

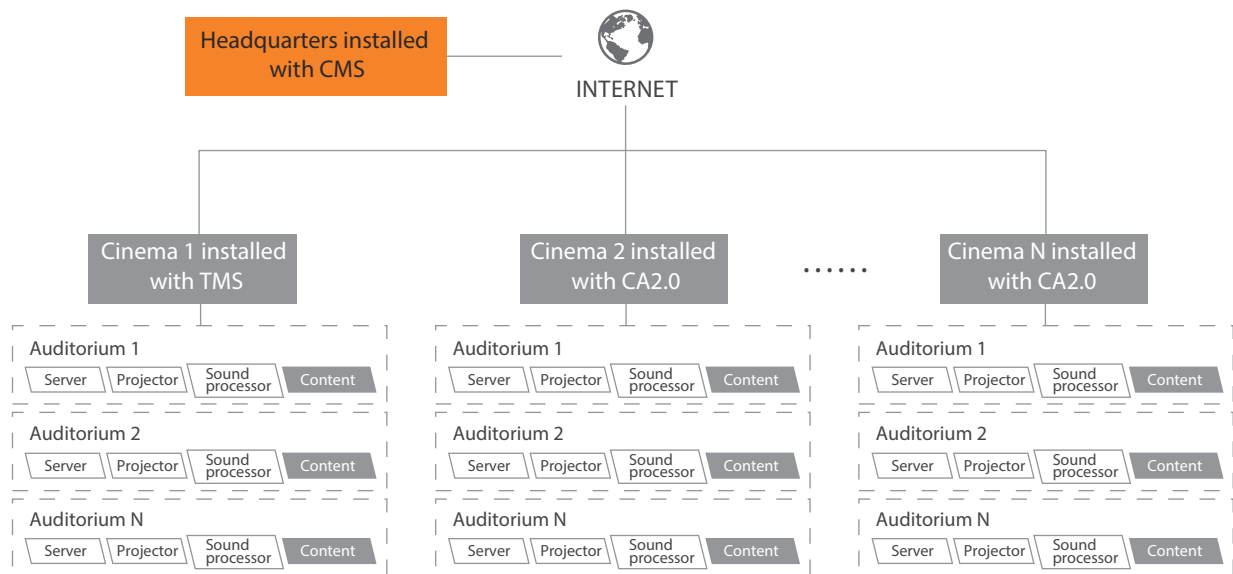
An overview of the transfer status for SPLs, Packs, and DCPs.

The screenshot shows the 'Transfer' interface, displaying a table of transfer tasks. Callouts identify the following elements:

- [Transfer Task Type]** Indicates the type of transfer task.
- [Asset Name]** Name of the asset.
- [Destination]** Destination of the transfer tasks.
- [Status]** Shows the status of the transfer task (e.g. pending, finished).
- [Remove Button]** Delete the selected transfer tasks.
- [Search Bar]** Search asset name by keyword.
- [Remove Button]** Remove the selected transfer task.

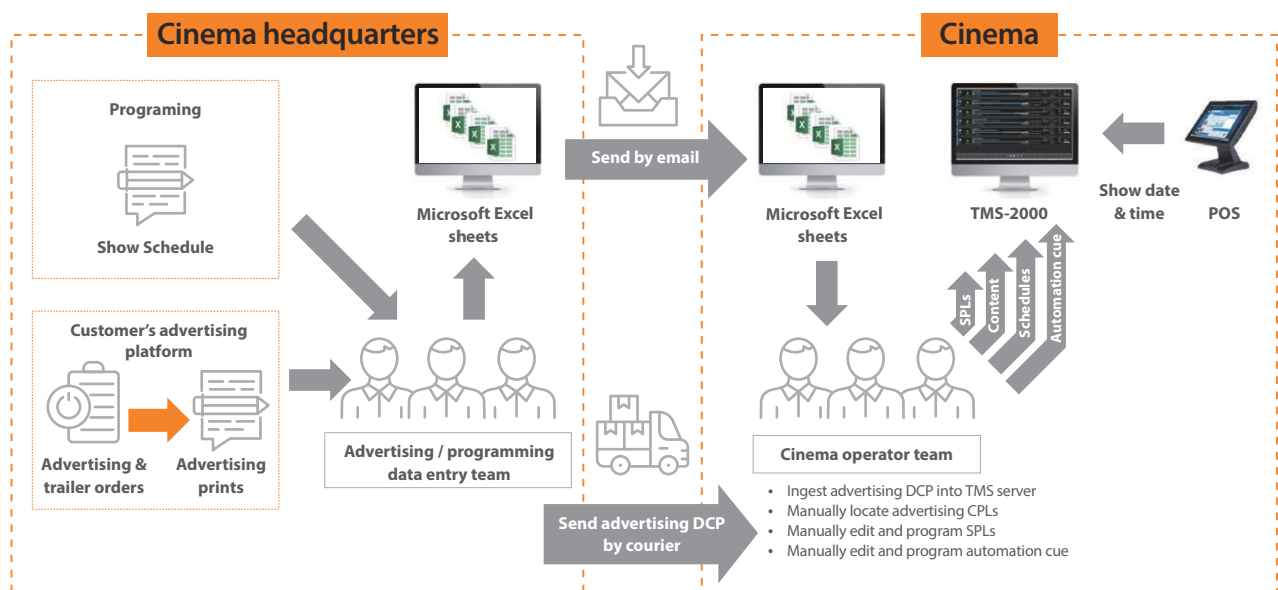
Kind	Name	Destination	Last Modified	Status	Actions
SPL	BD_0711_GVPL_COUNTDOWN	GV Bedok	2020-04-09T18:41:19	FINISHED	[Remove]
SPL	BD_0711_GVPL_MIDWAY	GV Bedok	2020-04-09T18:41:15	FINISHED	[Remove]
SPL	BD_0711_GVPL_THE_CAPTAIN	GV Bedok	2020-04-09T18:41:11	FINISHED	[Remove]
SPL	BD_0711_ABOMINABLE	GV Bedok	2020-04-09T18:41:07	FINISHED	[Remove]
SPL	BD_0711_JOKER	GV Bedok	2020-04-09T18:41:02	FINISHED	[Remove]
SPL	BD_0711_DISNEY'S_MALEFICENT_MISTRESS_OF_EVIL	GV Bedok	2020-04-09T18:40:58	FINISHED	[Remove]
SPL	BD_0711_MUMS_AND_BABIES_THE_SECRET_LIFE_OF_PETS_2	GV Bedok	2020-04-09T18:40:54	FINISHED	[Remove]
SPL	BD_0711_ASH_FALL	GV Bedok	2020-04-09T18:40:49	FINISHED	[Remove]
SPL	BD_0711_CRAWL	GV Bedok	2020-04-09T18:40:43	FINISHED	[Remove]
SPL	BD_0711_GVPL_BETTER_DAYS	GV Bedok	2020-04-09T18:40:39	FINISHED	[Remove]
SPL	BD_0711_BLACK_PANTHER	GV Bedok	2020-04-09T18:40:24	FINISHED	[Remove]

# CMS-3000 web-based central management enterprise software



## Challenges of working with a traditional advertising workflow without CMS

1. Misdirected time and effort in tedious and repeated tasks at each cinema multiplex.
2. Inefficient way of managing program schedule using Microsoft Excel sheets.
3. Prone to human error in manual handling of CPL and SPL programming.
4. Long lead time needed for the acceptance of SPL modification; not able to accept last minute advertisement orders.

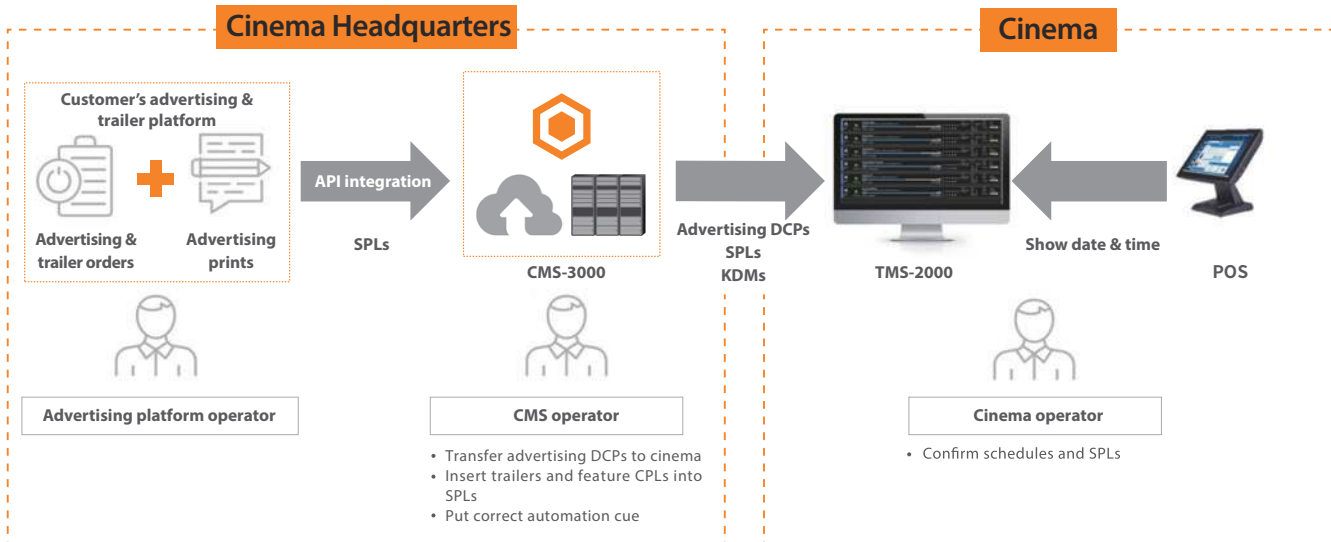




# Benefits of integrating CMS-3000 with customer's advertising business

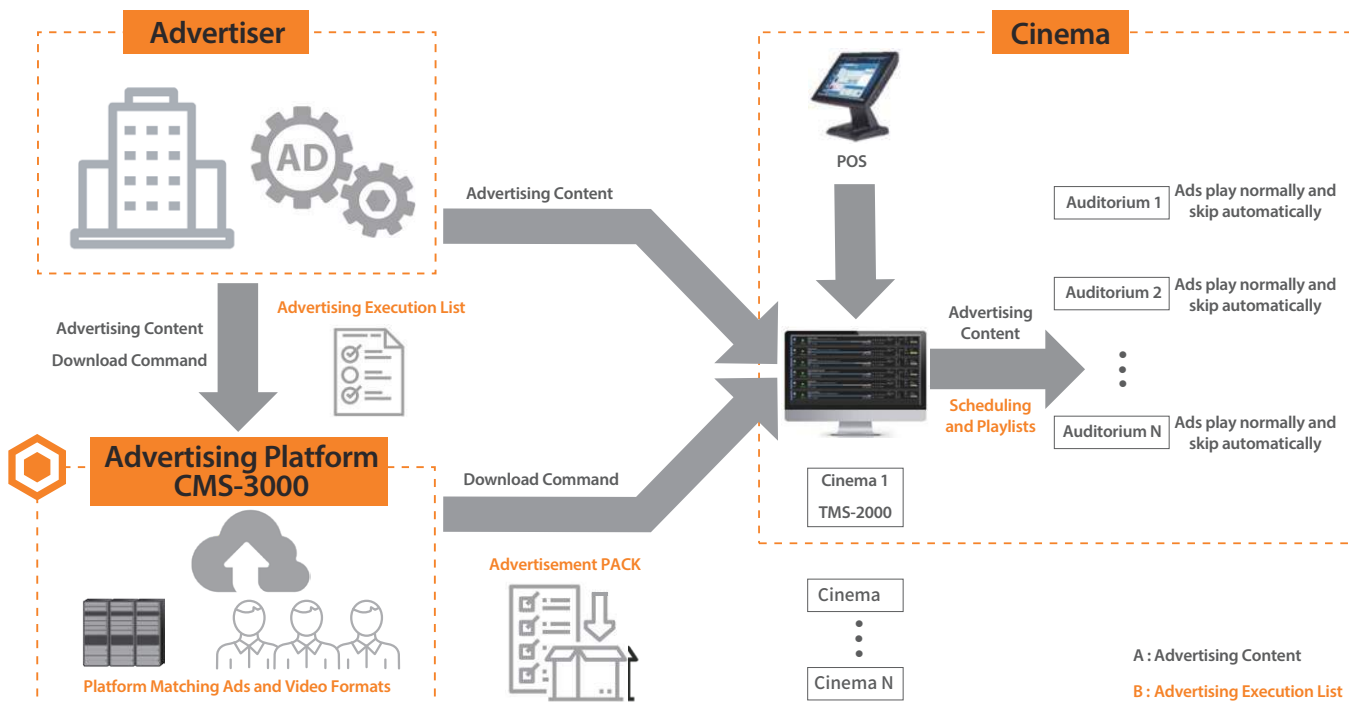
## Scenario 1: Manage customer's own advertising business with CMS-3000

1. Complete the tedious and repeated jobs all at once at each cinema multiplex through CMS.
2. Automatically place advertising execution orders without use of Microsoft Excel sheets.
3. Automatically manage the advertising CPL, improve the efficiency and accuracy.
4. Quickly update to cinema multiplex when changing the advertising schedule.



## Scenario 2: Achieve intelligent management of advertising business by integrating CMS-3000 with the advertiser's system

1. Quickly update cinema multiplex about advertisers' last-minute changing requests of advertisements.
2. Quickly locate and solve the problem of misplaced and missing advertisements.
3. Have the ability to skip embedded advertisement.
4. Automatically match advertisements with corresponding formats based on movie formats.



# CMS-3000 installation requirements

Number of Site	Number of Screen	AWS EC2 Instance Size	vCPU	RAM	OS Drive (SSD io1)	OS	Remark
<15	<120	m5.large	2	8GB	100GB	Windows Server 2022/2019	Suitable for demo purpose
50	250~400	m5.xlarge	4	16GB	100GB	Windows Server 2022/2019	
100	500~800	m5.2xlarge	8	32GB	100GB	Windows Server 2022/2019	
200~300	1000~2400	m5.4xlarge	16	64GB	200GB	Windows Server 2022/2019	

For reference: AWS EC2 instance size m5 family is using Intel® Xeon® Platinum 8175M CPU @ 2.50GHz

Note: For a cinema network that exceeds 300 sites and/or 2,400 screens, please consult GDC sales engineer for the required hardware specifications

GDC Website



Contact Us



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