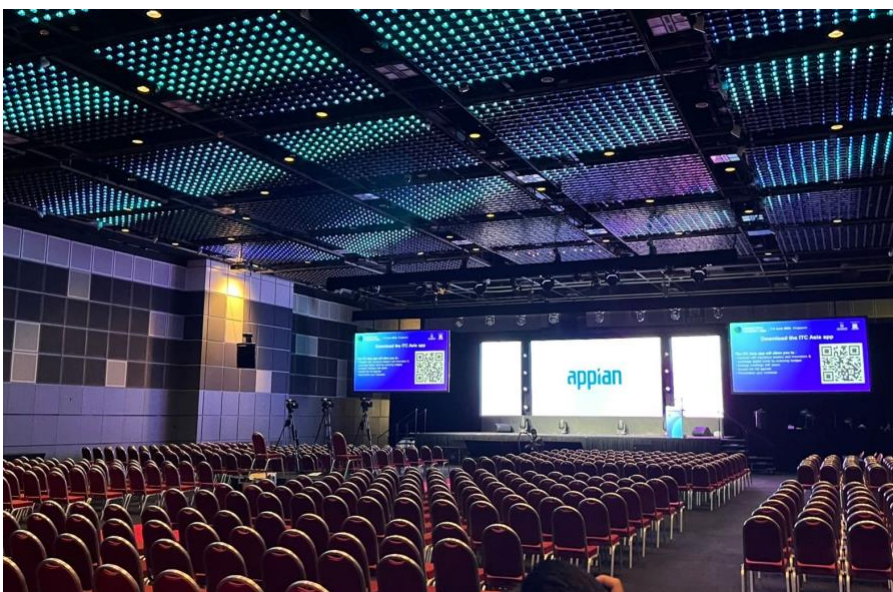


## TECHNICAL BRIEF & INCLUSIONS

Suntec Singapore's Engage Theatres are designed to create an **immersive, upgraded experience** for all guests and a **plug-and-play all-inclusive** solution for organisers.

Our **Engage Experts** seamlessly combine crystal-clear sound, expansive visual displays and customised lighting to create the **'front-row experience'** for every guest and occasion.

For your next conference, meeting, award ceremony, corporate dinner or concert, **upgrade to Engage.**



### Engage Theatre Inclusions:

#### FRONT-OF-HOUSE

- Engage hall
- Flexible seating / layouts
- Stage
- Furniture & linen
- Registration counters
- Touchpoints
- Carpeting
- High-speed Wi-Fi
- General cleaning & hygiene
- Air conditioning

#### BACKSTAGE

- Green rooms
- Loading bays
- Freight elevators
- Truss and drapes
- Power supply and utility charges

#### AUDIO

- Speakers
- Microphones
- Wireless headsets
- Mixers

#### VISUAL

- Digital canvas [LED wall]
- Projectors and screens
- Presenter equipment
- Switcher

#### LIGHTING

- Stage lighting
- Immersive hall lighting
- Cameras
- Streaming
- Special effects

#### ENGAGE EXPERTS

- All required technical manpower

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**TECHNICAL BRIEF – All Included in Special Offers**

FRONT-OF-HOUSE	BACKSTAGE
<p><b>ENGAGE 2 HALL</b>            3,890 sqm with 7.8m ceiling height</p> <p><b>FLEXIBLE SEATING / LAYOUTS</b>            3,933 guests - Theatre Seating            1,379 guests - Cluster Seating            2,111 guests - Classroom Seating            1,400 guests - Banquet Seating</p> <p><b>STAGE</b>            The main stage dimensions are 64ft (L) x 16ft(W) x 4 ft (H). Step rises are placed at either side of the stage</p> <p><b>FURNITURE &amp; LINEN</b>            Conference furniture and table linen are included. Add-on chair covers may be ordered when required.</p> <p><b>REGISTRATION COUNTERS</b>            2 Registration Counters at the entrance to the Engage Theatre are included.</p> <p><b>TOUCHPOINTS</b>            2 Touchpoints at the entrance to the Engage Theatre are included.</p> <p><b>CARPETING</b>            Dark grey axminster plush carpeting is installed across the entire Engage theatre.</p> <p><b>COMPLIMENTARY HIGH-SPEED WIFI</b>            The high-speed Wi-Fi network is provided complimentary, across the entire Centre.</p> <p><b>UTILITY PIT &amp; TRENCH SYSTEM</b>            In-floor trenches are provided, across the hall, for all utilities.</p> <p><b>GENERAL CLEANING &amp; HYGIENE</b>            Our housekeeping team ensures all cleaning and hygiene checks are conducted periodically.</p> <p><b>AIR CONDITIONING</b>            For the comfort of all guests, air conditioning is included during event hours. Ambient temperature of 24°C is maintained across the engage theatres.</p>	<p><b>GREEN ROOMS</b>            2 green rooms of size 5m x 2.5m x 2.4m each, are located directly behind the Digital Canvas and easily accessible to performers, presenters or VIPs.</p> <p>Each room is equipped with one set of the following:            - Dressing table with lights and mirror            - Standing mirror with lights            - 24" monitor for video relay            - Clothes rail            - Mini fridge provisioned with Suntec bottled water            - Sofas [2-seater and single-seater]            - Glass coffee table            - 4-gang extension            - Floor standing lamp            - Floor standing fan            - Floor rug            - Standing clothing steamer</p> <p><b>LOADING BAYS &amp; FREIGHT DOORS</b>            Accessible from Nicoll Highway, dedicated loading bays are made available on level 4, for users of the Engage Theatres. These loading bays offer parking for 40ft containers with a minimum height clearance of 4m. Freight doors (4860mm(W) x 4000mm(H) allow trucks to drive into the hall for loading and unloading.</p> <p><b>FREIGHT ELEVATORS</b>            3 freight elevators are available to access the halls.</p> <p><b>TRUSS &amp; DRAPES</b>            86m of stage trusses, 32 chain hoists and 60m of fire-retardant black drapes (for console and back of house segregation) are included.</p> <p><b>POWER SUPPLY</b>            230 Volt single phase, 50 Hz. Electricity supply from all pre-installed audio-visual &amp; lighting [AVL] equipment in the Engage Theatres is included.</p>
<p><b><i>All-Inclusive,            Plug-and-Play</i></b></p>	

## TECHNICAL BRIEF – All Included in Special Offers

AUDIO	LIGHTING
<p><b>SPEAKERS</b>            Full range speaker audio setup consisting of 20 rigged line array speakers coupled with 8 subs, 6 monitors and 4 front fills. Performers may bring in their own mixer and engineer to hook up to our system.</p> <p><b>MICROPHONES &amp; MICROPHONE STANDS</b>            An assortment of Shure handheld, gooseneck and lapel microphones with belt packs are available. Capable of delivering crystal-clear sound without any external frequency interruption.</p> <p><b>WIRELESS HEADSETS</b>            6 headsets with belt pack for live communication between the production team.</p> <p><b>MIXERS</b>            Yamaha CL5 audio mixing console has 32-channels capable of controlling the audio system throughout the halls including microphones. It also controls the L-Acoustic A-series audio setup hung throughout the halls – perfect for conferences, meetings or concerts. Front-fills and speaker monitor wedges placed in front of stage for speakers/presenters. Artists/performers can bring in their own presets to connect with our system.</p>	<p><b>STAGE LIGHTING</b>            Stage is equipped with 3 lines of overhead truss with an assortment of blinders, LED movers, and wash lights strategically set up for ambient, front wash and back wash.</p> <p><b>IMMERSIVE HALL LIGHTING</b>            More than 200 LED moving heads installed across the entire ceiling. Centrally controlled by Avolite D9 lighting console allowing for a full range of customisation.</p> <p><b>CAMERAS</b>            3 elevated PTZ cameras strategically placed to capture walk-in, audience shots, overhead hall shots and stage shots. Cameras come with controller included (excluding SD cards).</p> <p><b>STREAMING</b>            Streaming via the Centre’s public network is included (bandwidth strength dependent on Centre-wide usage density). Add-on dedicated high speed LAN connection available for clients with high-capacity streaming needs.</p> <p><b>SPECIAL EFFECTS</b>            Smoke machines, haze machines and laser machines are all included</p>
VISUAL	ENGAGE EXPERTS
<p><b>DIGITAL CANVAS</b>            45m x 5m LED wall [Pitch2.5mm] equipped with H9 processors and a backup system for high-reliability.</p> <p><b>PROJECTORS &amp; SCREENS</b>            4 sets of Panasonic 21K DLP Projector with Flybar with 4 sets of 20ft x 11ft projector screens for feed around the sides and back of the halls.</p> <p><b>PRESENTER EQUIPMENT</b>            Laptop with Microsoft Office provided with 6 sets of 55” comfort monitor with foldback stands and D’San PerfectCue wireless clicker.</p> <p><b>SWITCHER</b>            E2 Barco seamless switcher that controls all the visual feeds within the hall including video and projections.</p>	<p><b>TECHNICAL MANPOWER</b>            All required engage experts are included:</p> <ul style="list-style-type: none"> <li>- Client Liaison</li> <li>- Sound Engineer [A1]</li> <li>- Sound Assistant [A2]</li> <li>- Lighting Programmer/Designer</li> <li>- Visual Switcher Operator [E2]</li> <li>- Milumin Video Playback Operator</li> <li>- PTZ Camera Operator</li> </ul> <p style="text-align: center;"><b><i>All Technical Manpower Included</i></b></p>



## INCLUSIONS – All Included in Special Offers

CATEGORY	ITEM	ITEM CODE	TECHNICAL LIST	QUANTITY
AUDIO	Speakers & Amplifiers	Z37	L-Acoustics A15 Wide Speakers	12 Units
		Z38	L-Acoustics A15 Focus Speakers	12 Units
		Z39	L-Acoustics KS21 Subwoofer	8 Units
		Z12	L-Acoustics X8 Front Fill / Stage Monitors	4 Units
	Microphones	B11	Shure ULXD Handheld Wireless Microphone	4 Units
		B09	Shure ULXD Lapel or Headset Microphone with Beltpack	4 Units
		Z36	Shure UA874WB Wireless Antenna Fin	2 Units
		B13	Gooseneck Microphone	2 Units
	Mixers	Z25	Wireless Headsets for Comms team	6 Units
		B04	Yamaha CL5 Audio Mixing Console	1 Unit
Connectors	Z14	Connecting Cables & Accessories	1 Unit	
VISUAL	Digital Canvas [LED Wall]	Z28	P2.5mm LED Wall [45 Metres x 5 Metres]	1 Unit
	Projectors & Screens	Z29	20ft x 11ft Projection Screen [Rigged]	4 Units
		Z30	Panasonic 21K DLP Projector with Flybar	4 Units
	Presenter's Equipment	C03	55" Foldback TV [Comfort Monitor]	6 Units
		H01	Playback Laptop with MS Office	2 Units
		Z05	D'San PerfectCue Wireless Clicker	1 Unit
	Video Production Equipment	C13	E2 Barco Seamless Switcher	1 Unit
		Z31	Milumin Media Server	1 Unit
		Z32	Fibre Optic Transmitter & Receiver	10 Units
		Z33	Blackmagic Design Production Switcher	1 Unit
		Z34	Blackmagic Hyperdeck Recorder	1 Unit
	Cameras	E08	PTZ Controller	1 Unit
	Cameras	Z35	PTZ Camera	3 Units
	Streaming	-	Via Suntec Singapore's public network	1 Connection
	Connectors	Z14	Connecting Cables & Accessories	1 Unit
	Special Effects	K08	Smoke Machine	2 Units
		K07	Haze Machine	2 Units
		Z43	Laser Machine	4 Units
-		Fog Machine	8 Units	
-		0.5w Laser	4 Units	
-		DMX Splitter	7 Units	

## INCLUSIONS – All Included in Special Offers

CATEGORY	ITEM	ITEM CODE	TECHNICAL LIST	QUANTITY
<b>LIGHTING</b>	Theatrical Lighting	-	GTD LMZ 1537	8 Units
		-	GTD 380n Beam	16 Units
		-	Liro BSW 400	16 Units
		A06	Moving Heads Beam/Spot/Wash [Mixed]	200 Units
	Audience Blinder	Z21	Molefay 4 Cell Blinder	16 Units
	Strobe Lighting	Z40	Atomic LED Strobe Lights	8 Units
	Lighting Control	Z42	Avolite D9 Lighting Console	1 Unit
Connectors	Z14	Connecting Cables & Accessories	1 Unit	
<b>ENGAGE EXPERTS</b>	Technical Manpower	Z27	Client Liaison	1 Personnel
		M04	Sound Engineer [A1]	1 Personnel
		M05	Sound Assistant [A2]	1 Personnel
		M06	Lighting Programmer/Designer	1 Personnel
		M12	Visual Switcher Operator [E2]	1 Personnel
		Z44	Milumin Video Playback Operator	1 Personnel
M08	PTZ Camera Operator	1 Personnel		

Engage Theatre services and technical support  
 are brought to you exclusively by  
**Suntec Singapore**  
 in collaboration with  
**Unearthed Productions**

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