2019 Entry Requirements
Home Technology Professional Members

Below are the 2019 CEDIA Awards entry requirements. Use this information to gather the required materials and prepare your entry before submitting. Visit cedia.net/awards to learn how to submit.

A winning entry should demonstrate technical excellence in all aspects of design, installation and commissioning while meeting all applicable industry performance standards. The project should be well documented and be executed using recognized project management strategies. It should complement the aesthetic treatment of the environment in which it is installed and be easy and safe for its users to operate. It should not expose its owners to security threats and should be easily serviceable and upgradeable. Finally, it should demonstrably enhance the lives of those who own and use it.

Questions? Email awards@cedia.org or call CEDIA HQ at 800.669.5329; in EMEA, call +44 (0)1480 213744.

Home Cinema
Entries in this category will be grouped based on project cost once submissions close.

Essay Questions:
1. What were the performance objectives for this design?
2. Share all technical details and calculations made for this cinema’s system power management.
3. Describe acoustical considerations.
4. Explain the speaker and sub placement in this installation.
5. Discuss installation considerations and provide any calculations made for HVAC for this cinema.
6. Explain why any compromises were made from CEDIA and/or other industry standards.
7. Share any additional customer requirements or technical challenges.

Project Cost:
Project costs should be limited to items that are specific to the built out, design and installation of the Home Cinema. Any additional cost that are not specific to your project, for example the cost of building an addition to the home, should not be included.
1. What was the invoiced price to the customer of all equipment for this installation by your company?
2. What was the invoiced price to the customer of all labor provided by your company for this installation?
3. What was the invoiced price to the customer billed by other companies for this installation? (Please contact contractors that worked on this project to get an accurate amount).
4. Total line 1-3 (Total Project Value)
Documentation:
(All documents should be as-built)

1. Cinema Floor Plans, which should:
   a. Be scaled and dimensioned
   b. Have a drawing legend (symbol key)
   c. Include the following:
      i. Speaker Locations and Angles
      ii. Video Projector and Screen Positions and Viewing Angles
      iii. Seating Placement
      iv. Acoustical Materials

2. Reflected Ceiling Plan, which should:
   a. Be scaled and dimensioned
   b. Have a drawing legend (symbol key)
   c. Include the following:
      i. Speaker Locations and Angles
      ii. Video Projector and Screen Positions and Viewing Angles
      iii. Seating Placement
      iv. Acoustical Materials

3. Elevation Drawings, which should:
   a. Be scaled and dimensioned
   b. Have a drawing legend (symbol key)
   c. Include the following:
      i. Front, Rear, Left, and Right Views
      ii. Speaker Locations and Angles
      iii. Projector/Video Position and Viewing Angles
      iv. Seating Placement
      v. Audio and Visual Site Lines
      vi. Acoustical Materials

4. Wiring Schedules
5. Wiring Diagrams
   a. Block Diagram *Optional*
   b. Schematics (Point to Point)
6. Networking Schematics
   a. All Wired and Wireless Devices
   b. Predicted Wireless Coverage Map *Optional*
7. Equipment Rack/Cabinet Elevation with Heat and Rack Power Requirements
8. SPL Design Calculations
9. Audio Calibration Reports, to include:
   a. SPL Verification Measurement
   b. RT60 measurements
10. Video Calibration Report, to include:
    a. Measured screen brightness
    b. Contrast ratio
    c. Grayscale
    d. Color Gamut
11. Bill of Materials
12. Additional Project Documents

Photos:
All company information must be removed from media submitted, including logos, company name, address, etc.

1. Proscenium Shot (taken from back of room looking at screen)
2. Reversal Shot (taken from front of room looking at seating)
3. Two (2, front and back) Rack Photos demonstrating the following:
   a. Upgradeability
   b. Serviceability
   c. Thermal management
   d. Wire bend radius
   e. Signal and power wire separation
   f. Wire labeling
4. Additional Project Photos

Videos:
(Not required, but recommended. Automated features are encouraged for video submission.)
   1. Two (2) project videos – without company logos or voiceover

User Interface:
(Include all unique user interfaces. If video is not possible, please provide a manual/image.)
   1. User Interface Demonstration – training video
   2. User Interface Manual/Image

Consent:
   1. Photography Release Form
   2. Homeowner, Estate of Property Manager Release Form (primary point of contact for the project)
Media Room
Entries in this category will be grouped based on project cost once submissions close.

Essay Questions:
1. What were the performance objectives for this design criteria?
2. Share all technical details/calculations made for this cinema’s system power management.
3. Discuss the HVAC considerations and installation for this media room.
4. Explain why any compromises were made from CEDIA and/or other industry standards.
5. Share any additional customer requirements or technical challenges.

Project Cost:
Project costs should be limited to items that are specific to the built out, design and installation of the Media Room. Any additional cost that are not specific to your project, for example the cost of building an addition to the home, should not be included.
1. What was the invoiced price to the customer of all equipment for this installation by your company?
2. What was the invoiced price to the customer of all labor provided by your company for this installation?
3. What was the invoiced price to the customer billed by other companies for this installation? (Please contact contractors that worked on this project to get an accurate amount).
4. Total line 1-3 (Total Project Value)

Documentation:
(All documents should be as-built)
1. Floor Plans, which should:
   a. Be scaled dimensioned
   b. Have a legend (symbol key)
   c. Include the following:
      i. Speaker Location and Angles
      ii. Projector/Video Position and Viewing Angles
      iii. Seating Placement
      iv. Acoustical Materials
2. Reflected Ceiling Plan, which should:
   a. Be scaled dimensioned
   b. Have a legend (symbol key)
   c. Include the following:
      i. Lighting Positions
      ii. HVAC Positions
      iii. Speaker Location and Angles
      iv. Projector/Video Position and Viewing Angles
      v. Acoustical Materials
3. Elevation Drawings, which should:
   a. Be scaled dimensioned
   b. Have a legend (symbol key)
   c. Include the following:
      i. Front, Rear, Left, and Right
      ii. Speaker Location and Angles
      iii. Projector/Video Position and Viewing Angles
      iv. Acoustical Materials
4. Wiring Schedules
5. Wiring Diagrams
   a. Point to Point Schematics
   b. Block Diagram *Optional*
6. Networking Schematics
   a. Wired and Wireless
   b. Predicted Wireless Coverage Map *Optional*

7. Equipment Rack/Cabinet Elevation and Heat Calculations
8. SPL Design Calculations
9. Audio Calibration Reports, to include:
   a. SPL Verification Measurement
   b. RT60 measurements
10. Video Calibration Report, to include:
    a. Measured screen brightness
    b. Contrast ratio
    c. Grayscale
    d. Color Gamut

11. Bill of Materials
12. Additional Project Documents

Photos:
All company information must be removed from media submitted, including logos, company name, address, etc.
1. Four (4) photos showing the overall room & layout
2. Two (2) Rack Photos demonstrating the following (front and back of rack)
   a. Upgradeability
   b. Serviceability
   c. Thermal management
   d. Wire bend radius
   e. Signal and power separation
   f. Wire labeling
3. Additional Project Photos

Videos:
(Not required, but recommended. Automated features are ideal for video submission.)
1. Two (2) project videos – without company logos or voiceover

User Interface:
(Include all unique user interfaces. If video is not possible, please provide a manual/image.)
1. User Interface Demonstration – training video, including all operations
2. User Interface Manual/Image

Consent:
1. Photography Release Form
2. Homeowner, Estate of Property Manager Release Form (primary point of contact for the project)
Integrated Home
Entries in this category will be grouped based on project cost once submissions close.

Essay Questions:
1. What were the performance objectives for this design criteria?
2. Which of the following subsystems were installed or integrated by your company?
   a. Audio Distribution
   b. Video Distribution
   c. Integration Control
   d. Network
   e. Phone
   f. Intercom
   g. Off-Air and/or Satellite TV
   h. Cellular
   i. Lighting Design
   j. Lighting Control
   k. Shades Design
   l. Shade Control
   m. HVAC Control
   o. Vehicle Detection
   p. Irrigation
   q. Pool/ Spa
   r. Fire
   s. Other(s)
3. Describe each subsystem’s basic characteristics and uniqueness.
4. Describe all automation events that do not require user interaction which happen within and between the integrated subsystems.
5. Describe macros (user initiated) which happen within and between the integrated subsystems.
6. Share all technical details and calculations made for this cinema’s system power management.
7. Explain why any compromises were made from CEDIA and/or other industry standards.
8. Share any additional customer requirements or technical challenges.

Project Cost:
Project costs should be limited to items that are specific to the design and installation of the integrated home project. Any additional cost that are not specific to your project, for example the purchase or construction of the home, should not be included.
1. What was the invoiced price to the customer of all equipment for this installation by your company?
2. What was the invoiced price to the customer of all labor provided by your company for this installation?
3. What was the invoiced price to the customer billed by other companies for this installation? (Please contact contractors that worked on this project to get an accurate amount).
4. Total line 1-3 (Total Project Value)

Documentation:
(All documents should be as-built)
1. Floor Plans, which should:
   a. Be scaled dimensioned
   b. Have a legend (symbol key)
   c. Include All Equipment Locations
2. Reflected Ceiling Plan, which should: (as appropriate)
a. Be scaled dimensioned  
b. Have a legend (symbol key)  
c. Include All Equipment Locations  
3. Elevation Drawings, which should: (as appropriate) 
a. Be scaled dimensioned  
b. Have a legend (symbol key)  
c. Include All Equipment Locations  
4. Wiring Schedules  
5. Wiring Diagrams  
a. Point to Point Schematics  
b. Block Diagram *Optional*  
6. Networking Schematics  
a. Wired and Wireless  
b. Predicted Wireless Coverage Map *Optional*  
7. Power Management  
a. Examples include: Surge Protection, UPS, Total Power for each device.  
8. Equipment Rack/Cabinet Elevation and Heat Calculations  
9. Bill of Materials  
10. Additional Project Documents  

Photos:  
All company information must be removed from media submitted, including logos, company name, address, etc.  
1. Four (4) Installation Photos of Your Choice  
2. Two (2) Rack Photos showing the following (front and back of rack)  
   i. Upgradeability  
   ii. Serviceability  
   iii. Thermal management  
   iv. Wire bend radius  
   v. Signal and power separation  
   vi. Wire labeling  
3. Additional Project Photos  

Videos:  
(Not required, but recommended. Automated features are ideal for video submission.)  
1. Two (2) project videos- without company logos or voiceover  

User Interface:  
(Include all unique user interfaces. If video is not possible, please provide a manual/image.)  
1. User Interface Demonstration – training video  
2. User Interface Manual/Images  

Consent:  
1. Photography Release Form  
2. Homeowner, Estate of Property Manager Release Form (primary point of contact for the project)
Innovative System or Solution

Essay Questions:
1. Describe the unique client objectives for this installation.
2. What key technical solutions were used to accomplish the requirements of this project?
3. What was the custom technology provided.

Project Cost:
*Project costs should be limited to items that are specific to this project.*
1. What was the invoiced price to the customer of all equipment for this installation by your company?
2. What was the invoiced price to the customer of all labor provided by your company for this installation?
3. What was the invoiced price to the customer billed by other companies for this installation? (Please contact contractors that worked on this project to get an accurate amount).
4. Total line 1-3 (Total Project Value)

Documentation:
(All documents should be as-built)
Provide all project documentation done for this installation.

Photos:
*All company information must be removed from media submitted, including logos, company name, address, etc.*
1. Photo showing solution
2. Photo showing the solution in use, as appropriate
3. Photo of the components in transition, as appropriate
4. Back Equipment Shot, as appropriate
5. Additional Photos (10 optional)

Videos:
(Not required, but recommended. Automated features are ideal for video submission.)
1. Two (2) project videos - without company logos or voiceover

User Interface:
(If applicable)
1. User Interface Demonstration – training video
2. User Interface Manual/Image

Consent:
1. Photography Release Form
2. Homeowner, Estate of Property Manager Release Form (primary point of contact for the project)
Auto, Marine or Aircraft

Essay Questions:
1. What were the performance objectives for this design criteria?
2. Which of the following subsystems were installed or integrated by your company?
   a. Audio Distribution
   b. Video Distribution
   c. Integration Control
   d. Network
   e. Phone
   f. Intercom
   g. Off-Air and/or Satellite TV
   h. Cellular
   i. Lighting Design
   j. Lighting Control
   k. Shades Design
   l. Shade Control
   m. HVAC Control
   o. Vehicle Detection
   p. Irrigation
   q. Pool/ Spa
   r. Fire
   s. Other(s)
3. Describe each subsystem’s basic characteristics and uniqueness.
4. Describe all automation events that do not require user interaction which happen within and between the integrated subsystems.
5. Describe macros (user initiated) which happen within and between the integrated subsystems.
6. Share all technical details/calculations made for this cinema’s system power management.
7. Explain why any compromises were made from CEDIA and/or other industry standards.
8. Share any additional customer requirements or technical challenges.

Project Cost:
1. What was the invoiced price to the customer of all equipment for this installation by your company?
2. What was the invoiced price to the customer of all labor provided by your company for this installation?
3. What was the invoiced price to the customer billed by other companies for this installation? (Please contact contractors that worked on this project to get an accurate amount).
4. Total line 1-3 (Total Project Value)

Documentation:
(All documents should be as-built)
1. Floor Plans, which should:
   a. Be scaled dimensioned
   b. Have a legend (symbol key)
   c. Include All Equipment Locations
2. Reflected Ceiling Plan which should: (as appropriate)
   a. Be scaled dimensioned
   b. Have a legend (symbol key)
   c. Include All Equipment Locations
3. Elevation Drawings, which should: (as appropriate)
4. Wiring Schedules
5. Wiring Diagrams
   a. Point to Point Schematics
   b. Block Diagram *Optional*
6. Networking Schematics
   a. Wired and Wireless
   b. Predicted Wireless Coverage Map *Optional*
7. Power Management
   a. Examples include: Surge Protection, UPS, Total Power for each device.
8. Equipment Rack/Cabinet Elevation and Heat Calculations
9. Bill of Materials
10. Additional Project Documents

Photos:
All company information must be removed from media submitted, including logos, company name, address, etc.
1. Four (4) Installation Photos of Your Choice
2. Two (2) Rack Photos showing the following (front and back of rack)
   a. Room for upgrade
   b. Services ability
   c. Thermal management
   d. Wire bend radius
   e. Signal and power separation
   f. Wire labeling
3. Additional Photos (10 optional)

Videos:
(Not required, but recommended. Automated features are ideal for video submission.)
2. Two (2) project videos- without company logos or voiceover

User Interface:
(If applicable)
1. User Interface Demonstration – training video
2. User Interface Manual/Image

Consent:
1. Photography Release Form
2. Homeowner, Estate of Property Manager Release Form (primary point of contact for the project)
Multiple Dwelling Unit Design

Essay Questions:
1. What were the performance objectives for this installation?
2. Which of the following subsystems were installed or integrated by your company?
   a. Audio Distribution
   b. Video Distribution
   c. Integration Control
   d. Network
   e. Phone
   f. Intercom
   g. Off-Air and/or Satellite TV
   h. Cellular
   i. Lighting Design
   j. Lighting Control
   k. Shades Design
   l. Shade Control
   m. HVAC Control
   o. Vehicle Detection
   p. Irrigation
   q. Pool/ Spa
   r. Fire
   s. Other(s)
3. Describe each subsystem’s basic characteristics and uniqueness.
4. Describe all automation events that do not require user interaction which happen within and between the integrated subsystems.
5. Describe macros (user initiated) which happen within and between the integrated subsystems.
6. How is this project scalable and customizable?
7. Provide integration details with building management and monitoring systems.
8. Explain why any compromises were made from CEDIA and/or other industry standards.
9. Share any additional customer requirements or technical challenges.

Project Cost:
1. What was the invoiced price to the customer of all equipment for this installation by your company?
2. What was the invoiced price to the customer of all labor provided by your company for this installation?
3. What was the invoiced price to the customer billed by other companies for this installation? (Please contact contractors that worked on this project to get an accurate amount).
4. Total line 1-3 (Total Project Value)

Documentation:
(All documents should be as-built)
1. A/V Floor Plan (Key A/V components displayed on architectural floor plan)
2. Full System Block Diagram
3. Prewire/Wire Schedules
4. AV System Schematic
5. Network System schematic
6. Equipment Rack Elevations and heat calculations
7. Room Layout Drawings (plan & elevations, and all equipment locations)
8. Bill of Materials (Equipment List - key devices including but not limited to: audio, video, control, HVAC, network, security, power management, lighting control, other control, furnishings: screens, motorized devices, racks, etc.)
9. Sound Pressure Level (SPL) Calculations, if applicable
10. Video Post Calibration Reports, if applicable
11. Screen Brightness Calculations, if applicable
12. Audio Post Calibration Reports, if applicable
13. Verification and qualification of networking *recommended

Photos:
*All company information must be removed from media submitted, including logos, company name, address, etc.*
1. Four (4) Installation Photos of Your Choice
2. Rack Photos (front and back) showing the following:
   a. Room for upgrade
   b. Services ability
   c. Thermal management
   d. Wire bend radius
   e. Signal and power separation
   f. Wire labeling
3. Additional Photos (10 optional)

Videos:
(Not required, but recommended. Automated features are ideal for video submission.)
1. Two (2) project videos - without company logos or voiceover

User Interface:
(If applicable)
1. User Interface Demonstration - training video, including all operations
2. User Interface Manual/Image

Consent:
1. Photography Release Form
2. Homeowner, Estate of Property Manager Release Form (primary point of contact for the project)
Showroom

Essay Questions:
1. What were the performance objectives for this design criteria?
2. Please provide an overview of this showroom (size, budget and technical features included, etc.).
3. What is the purpose of the facility, and who is the target audience?
4. What was the initial budget and final build cost for this showroom?
5. List equipment obtained from vendors at reduced/zero cost for the demonstration room.
6. When did the showroom open?
7. What was the planned ROI for the demo room for the first three years?
8. What is the ROI of the showroom so far?

Documentation:
(All documents should be as-built)
1. Floor Plan (Key components displayed on architectural floor plan of the showroom)
2. Room Layout Drawings
3. Other custom or technical drawings to further describe the installation as necessary
4. Audio Post Calibration Reports, if applicable
5. Video Post Calibration Reports, if applicable

Photos:
1. Four (4) Installation Photos of Your Choice
2. Front Rack Photo, as appropriate
3. Back Rack Photo, as appropriate
4. Additional Photos (10 optional)

Videos:
(Not required, but recommended. Automated features are ideal for video submission.)
1. Two (2) project videos

User Interface:
(If video is not possible, please provide a manual/image.)
1. User Interface Demonstration – training video, including all operations
2. User Interface Manual/Image

Consent:
1. Photography Release Form
2. Homeowner, Estate of Property Manager Release Form (primary point of contact for the project)