

# **08351 Development Project – User Documentation**

## **Group 2 – ‘Scenarios’ Unity Application**

### **Starting the ARC Application**

To start the application, double click the built project.

### **Placing Fire/Smoke in ARC**

Once the program has loaded, press E to begin placement of smoke boundaries or F to begin placement of fire boundaries. Follow the on-screen instructions to correctly place the fire or smoke effects in the desired positions on the video segment. Press Q to save the placement and exit.

### **Starting the Scenarios Application**

Start the application from the Scenario Builder program. This will allow you to import custom scenarios.

### **Starting the Scenario**

Once the application is open, you will see some text in the middle of a black screen. Press **Space** to enter the first video segment of the scenario.

### **Navigating the Scenario**

To navigate the scenario, look around the room using the HMD by facing in the desired direction (WASD on the keyboard can also be used). Once choice prompts appear, hold your gaze on the choice box to move to the next video segment based on your choice.

If you have control of a keyboard (or your handler has control of a keyboard), you can press the hotkeys to toggle on fire, smoke, emergency lighting and the alarm system using the keys outlined in Table 1.

### **Exiting the Application**

To exit the Scenario application, simply press Escape (ESC).

## Hotkeys

<b>Scenarios Application</b>	
<b>Key</b>	<b>Action</b>
WASD	Move the camera in both applications.
T	Toggles fire on/off in scenario
Y	Toggles smoke on/off in scenario.
U	Toggles fire extinguisher on/off in scenario.
I	Toggles emergency lighting on/off in scenario.
O	Toggles alarm on/off in scenario.
P	Pauses the scenario.
Space	Starts the scenario.
ESC	Exits all applications.

**Table 1:** The Hotkeys for the Scenario application.

<b>ARC Application</b>	
<b>Key</b>	<b>Action</b>
E	Places smoke. <b>ARC APPLICATION ONLY.</b>
F	Places fire. <b>ARC APPLICATION ONLY.</b>
R	Reset the scene. <b>ARC APPLICATION ONLY.</b>
O	Saves and quits the application. <b>ARC APPLICATION ONLY.</b>
ESC	Exits all applications.

**Table 2:** The Hotkeys for the ARC application.