

Scenario	Application Module	Target Device
<b>Router_Based</b>	motion_detector, object_detector, object_tracker user_interface	Camera Cloud
<b>Router_Router_Proxy</b>	motion_detector, object_detector object_tracker user_interface	Router Proxy Cloud
<b>Router_Router_Cloud</b>	motion_detector, object_detector object_tracker, user_interface	Router Cloud
<b>Router_Proxy_Proxy</b>	motion_detector object_detector, object_tracker user_interface	Router Proxy Cloud
<b>Router_Only</b>	motion_detector object_detector, object_tracker user_interface	Camera Router Cloud
<b>Router_Proxy</b>	motion_detector object_detector object_tracker user_interface	Camera Router Proxy Cloud
<b>Router_Cloud</b>	motion_detector object_detector object_tracker, user_interface	Camera Router Cloud
<b>Router_Cloud_Cloud</b>	motion_detector object_detector, object_tracker, user_interface	Router Cloud
<b>Proxy_Only</b>	motion_detector object_detector, object_tracker user_interface	Camera Proxy Cloud
<b>Proxy_Cloud</b>	motion_detector object_detector object_tracker, user_interface	Camera Proxy Cloud
<b>Cloud_Only</b>	motion_detector object_detector, object_tracker, user_interface	Camera Cloud
<b>Edge_Edge_Router</b>	motion_detector, object_detector object_tracker user_interface	Camera Router Cloud
<b>Edge_Edge_Proxy</b>	motion_detector, object_detector object_tracker user_interface	Camera Proxy Cloud
<b>Edge_Edge_Cloud</b>	motion_detector, object_detector object_tracker, user_interface	Camera Cloud
<b>Edge_Based</b>	motion_detector, object_detector, object_tracker user_interface	Camera Cloud
<b>Proxy_Based</b>	motion_detector, object_detector, object_tracker user_interface	Proxy Cloud
<b>Proxy_Proxy_Cloud</b>	motion_detector, object_detector object_tracker, user_interface	Proxy Cloud
<b>Proxy_Cloud_Cloud</b>	motion_detector object_detector, object_tracker, user_interface	Proxy Cloud
<b>Cloud_Based</b>	motion_detector, object_detector, object_tracker, user_interface	Cloud

TABLE I  
APPLICATION MODULE MAPPING TO CONTINUUM DEVICES