



- Reference Reference
- Configuration Configuration
- Hotel Hotel
- Hardware Hardware
- Alert Alert
- Reading, Log Reading, Log

- Constraint**
- Ⓢ ApplicationMeasure_IsExclusive_ck
CHECK Application_IsSubtype_fn(Measure)
 - Ⓢ ApplicationSwitch_IsExclusive_ck
CHECK Application_IsSubtype_fn(Switch)
 - Ⓢ MonitorRoom_IsExclusive_ck
CHECK Monitor_IsSubtype_fn(Switch)
 - Ⓢ MonitorUnassigned_IsExclusive_ck
CHECK Monitor_IsSubtype_fn(Switch)
 - Ⓢ Reading_MonitorSensorIsValid_ck
CHECK MonitorSensor_Get_fn(MonitorSensor.PK)
CHECK MonitorSensor.PK is IN MonitorRoom
 - Ⓢ ReadingSwitch_IsExclusive_ck
CHECK Reading_IsSubtype_fn(Switch)
 - Ⓢ ReadingSwitch_SensorIsValid_ck
CHECK Sensor_Get_fn(Sensor.PK)
 - Ⓢ ReadingMeasure_IsExclusive_ck
CHECK Reading_IsSubtype_fn(Measure)
 - Ⓢ ReadingMeasure_SensorIsValid_ck
CHECK Sensor_Get_fn(Sensor.PK)
 - Ⓢ SensorError_SensorIsValid_ck
CHECK Sensor_Get_fn(Sensor.PK)
 - Ⓢ SensorMeasure_IsExclusive_ck
CHECK MonitorSensor_IsSubtype_fn(Measure)
 - Ⓢ SensorSwitch_IsExclusive_ck
CHECK MonitorSensor_IsSubtype_fn(Switch)

- Note**
- Monitors (devices) connect to any Hotel via HotelNetwork
 - Devices are not protected against theft
 - Connection to the corporate Application Server is WiFi to HotelNetwork (thence TCP/IP to the internet)