Environment Monitoring with intrusion detection

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Idea

❏ **Monitoring of environment with existing on-board sensors**

❏ **Realising an intrusion detection with a reed switch**

❏ **sending data to a web-interface**

❏ **Visualising data and intrusion on web-interface**

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Application scenarios

❏ **Warehouse → night guard**

❏ **Greenhouse / plantation → gardener / farmer**

❏ **Office / Hotel → Staff**

❏ **Apartment → Owner / tenant**

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Hardware

❏ **1 telosB as a router**

❏ **2 telosB as environment-sensing nodes**

   being placed somewhere in the area

   Sensors: temperature, light, (humidity)

❏ **1-2 telosB as intrusion detection nodes:**

   being placed wherever somebody could get in (windows, doors)

   Sensor: reed switch

❏ **(Python) Webserver**

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