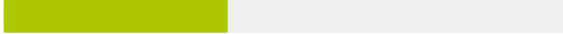


# Room Based Object Detection

For various applications the smart product must be able to detect objects and persons in a room, e.g. to select a specific object. This requires an object detection system.

## VALUE STRATEGIES

Connectivity



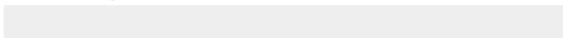
Autonomy



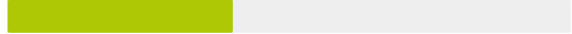
Extensibility



Multifunctionality



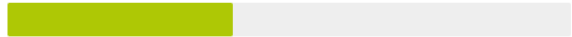
Adaptivity



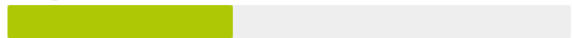
User-Friendliness



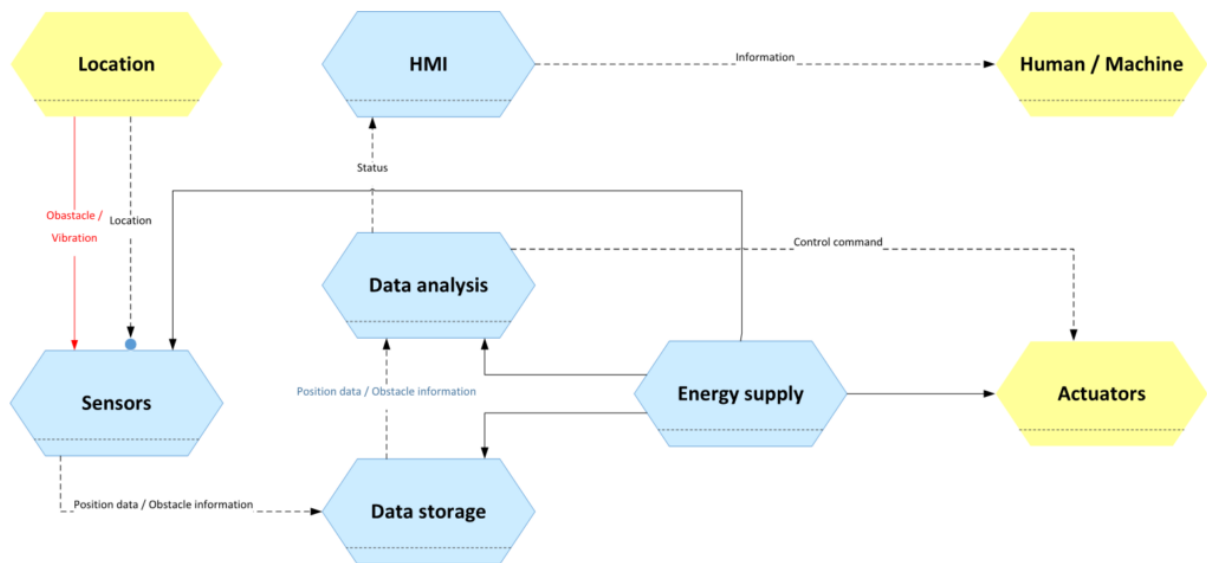
Robustness



Foresightedness

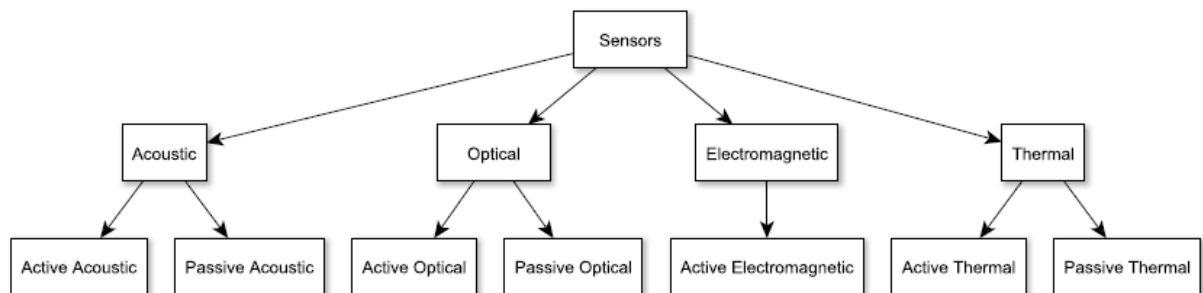


## EFFECTS

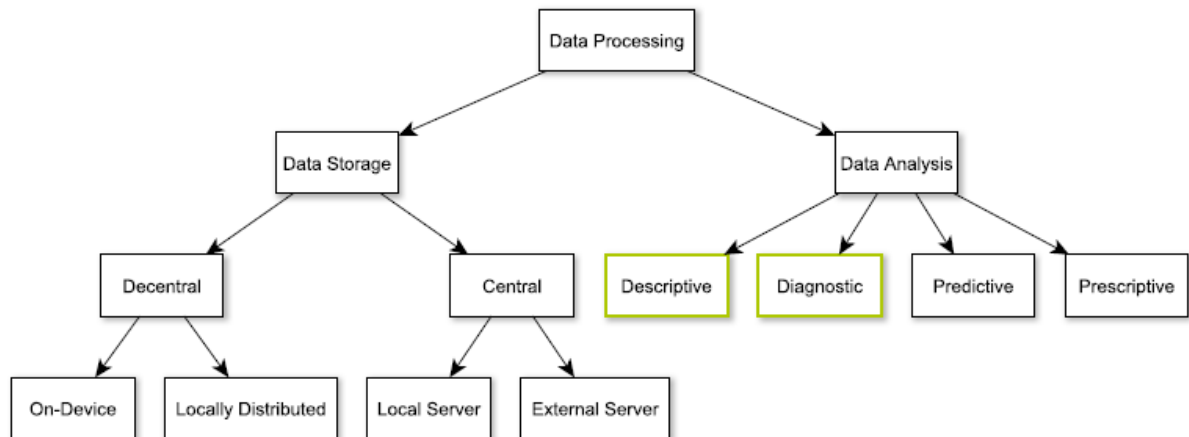


## TECHNOLOGY TREES

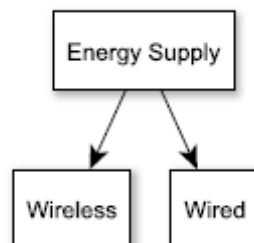
### Sensors



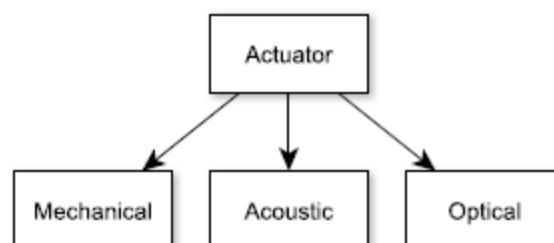
### Data Processing



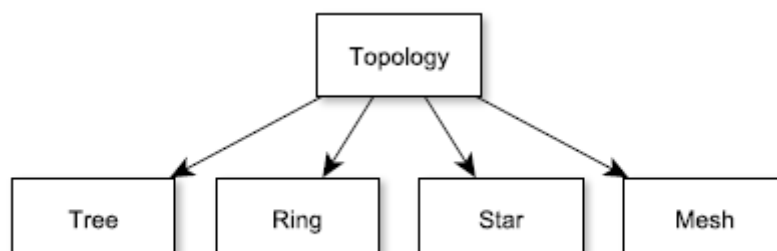
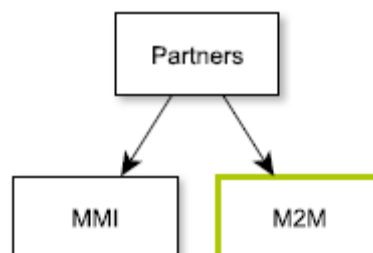
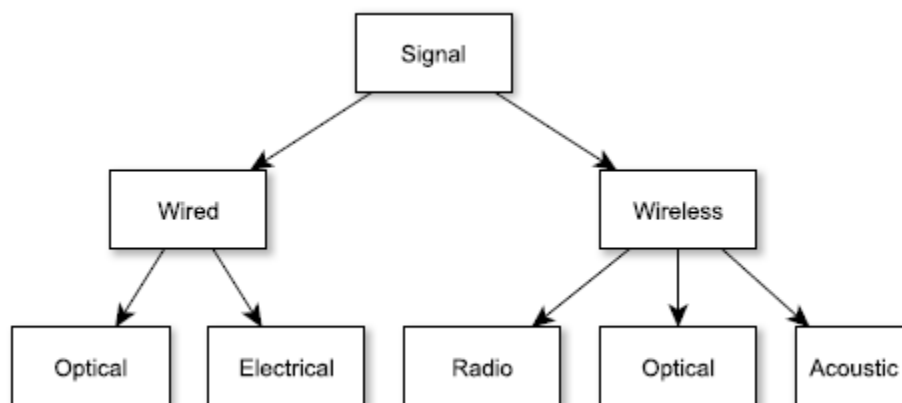
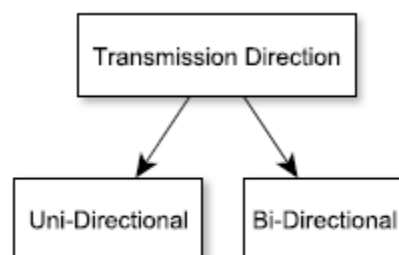
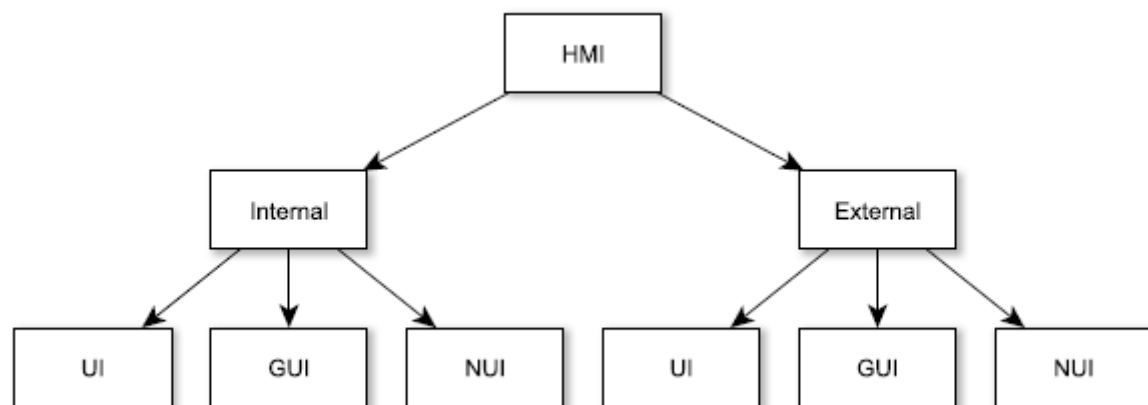
### Energy Supply



### Actuator



## Communication



Functionality

