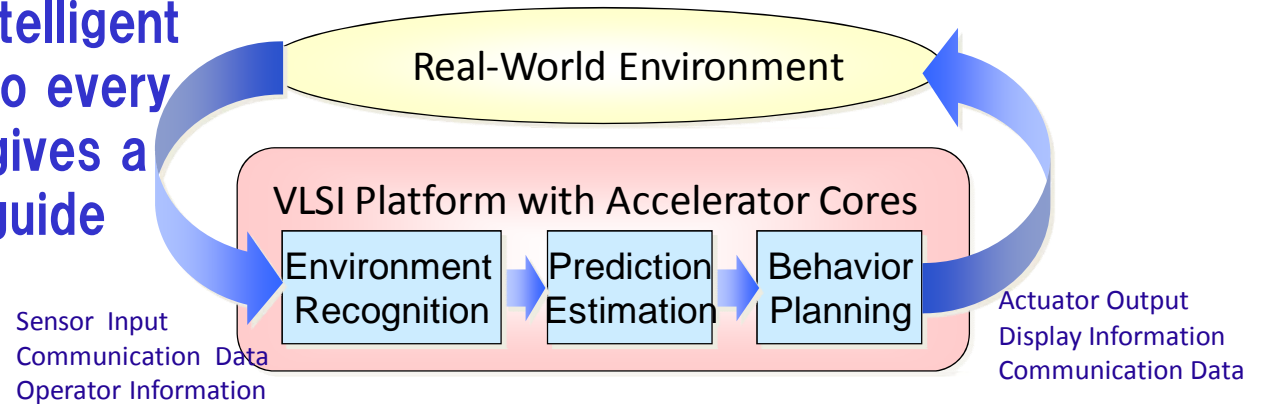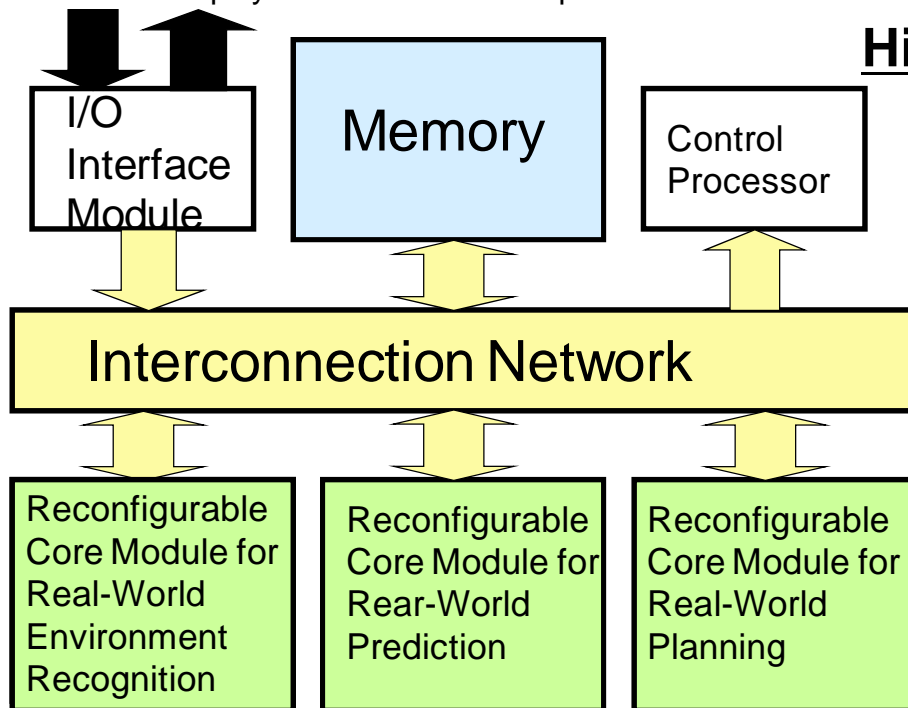# Universal Highly–Safe Intelligent Systems Platform

Development of a mobile intelligent terminal which responds to every dangers at real time, and gives a human the most desirable guide for an appropriate action

Real-World Environment

VLSI Platform with Accelerator Cores

Environment Recognition → Prediction Estimation → Behavior Planning

Sensor Input
Communication Data
Operator Information

Actuator Output
Display Information
Communication Data

Highly-Safe Intelligent Systems Platform

Sensor/Communication Input
Actuator/Display/Communication Output

I/O Interface Module

Memory

Control Processor

Interconnection Network

Reconfigurable Core Module for Real-World Environment Recognition

Reconfigurable Core Module for Rear-World Prediction

Reconfigurable Core Module for Real-World Planning

Detection of dangers in humans:
- traffic accidents
- disasters
- crimes
- leisure accidents
- sudden illness
- accidents in an aged person

VLSI Platform for the Computer World