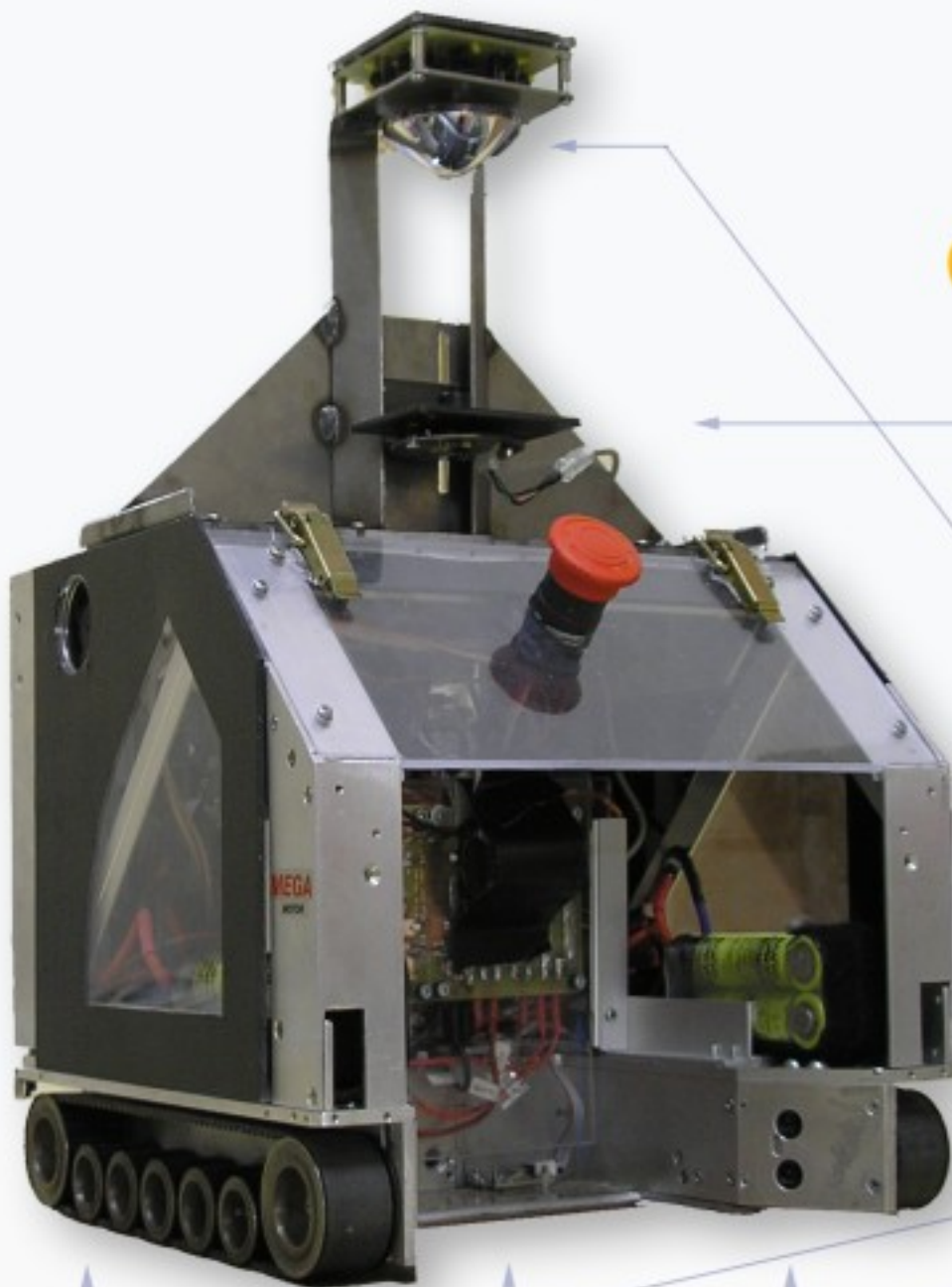


Sirael

eurobot@ucw.cz



- < USB web-camera
- < hyperbolic mirror
- < VIA EPIA embedded PC
- < two 1700mAh 12V accu
- < two 600W BLDC engines
- < 8 blue floor sensors
- < two infrared rangefinders

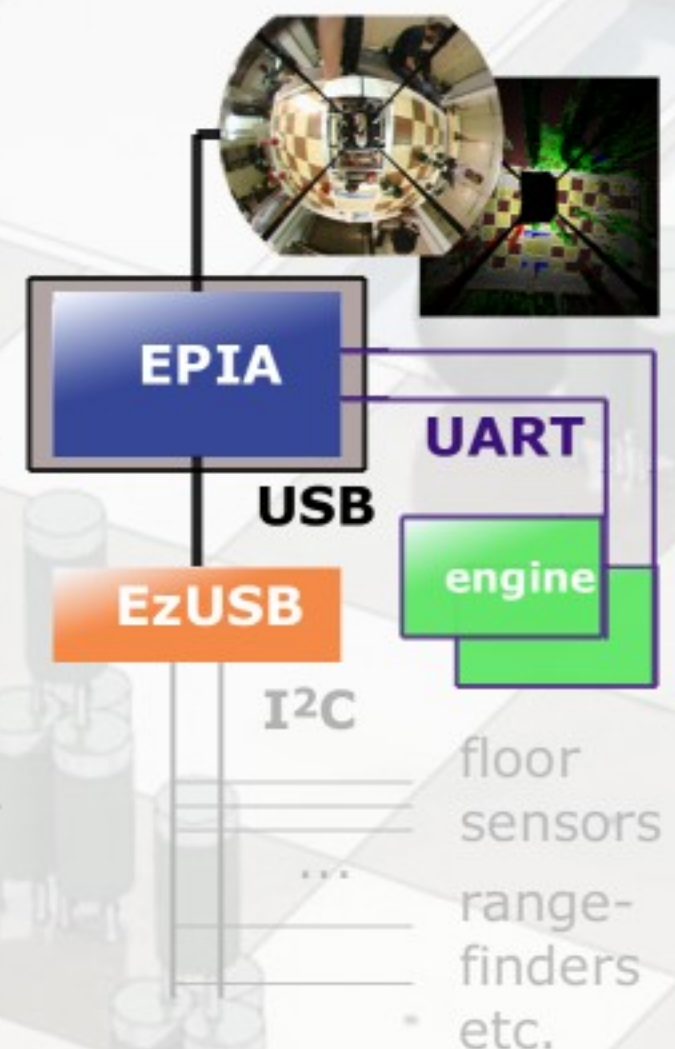
Ester

The robot is built on a solid aluminium base-plate containing two powerful **engines** and a belt-based gearbox.

The game strategy is performed by a VIA **EPIA** PC running SuSE Linux. Ester's sensors are connected to an **EzUSB** microcontroller.

The bridge and skittle placement is determined from an omnidirectional image and a feedforward neural network is used to control the robot's movement while going after the opponent's skittles.

Ester has no mechanism for raising skittles.



Charles University in Prague, Faculty of Mathematics and Physics
Department of Software Engineering



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