

Public Page

The project is firmly in the design detailing, fabrication, prototyping, assembly and software development and testing/debugging stage.

The system design detailing for all mechanical parts has been completed (except for modifications prior to main production release), with PCB layouts and production-data ongoing for a select few modules. Single-module prototype parts for single-quantity modules (drive, steer, battery and nose) are being received and assembly is reaching the subsystem levels.

Automatika is currently assembling the first of the drive, battery and steering modules based on the ordered parts in single quantity. Final assembly of said test-modules will be possible once the missing gears and motors are received. Fit-checks and assembly procedure are being worked out, resulting in improvements. Upon assembly completion, all final low-level embedded code and higher-level code can be developed in final form and debugged for all driving and obstacle-handling purposes. Subassemblies (mechanical and test-PCBs) are being made available for the software team to begin their partial testing and debugging efforts. Automatika is currently continuing the PCB prototyping, production, population and testing efforts.

Automatika will continue to interact with the Sensor Provider, with the focus now on the control interface between platform and sensor, especially as they relate to power-bus tap-in design, communication-buss isolation-circuitry as well as messaging and protocols.

Automatika is awaiting a decision by the funders related to the launching design and prototyping, as well as the fitting selection.