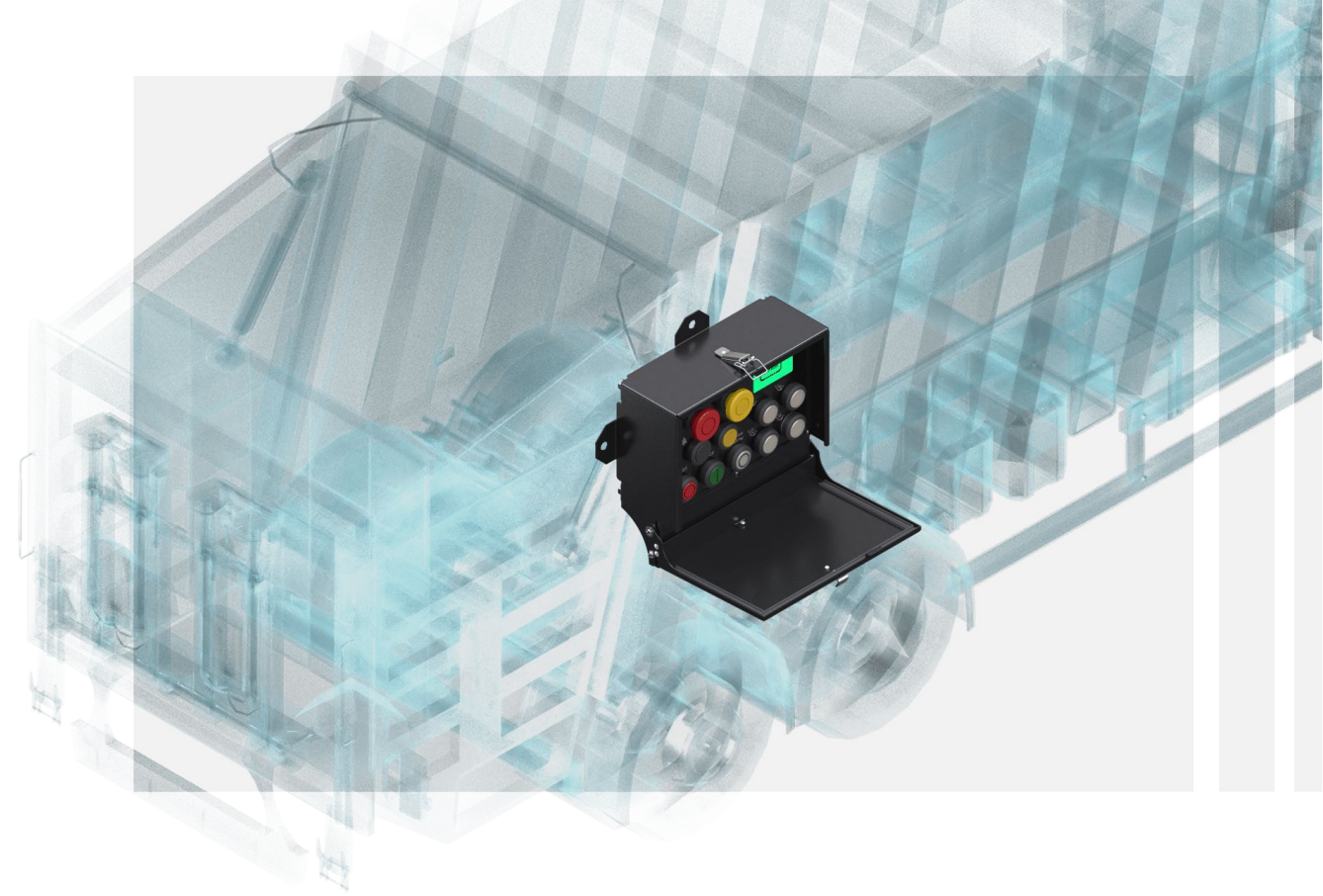




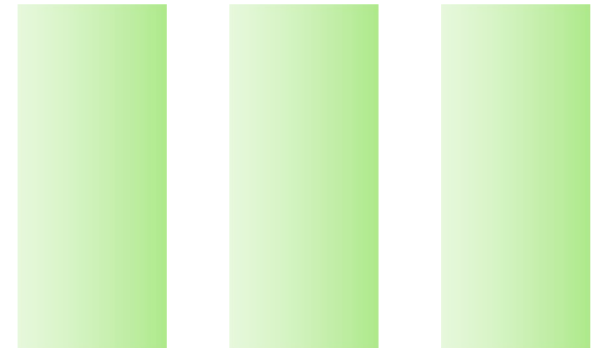
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CONTROL SOLUTION FOR MUNICIPAL VEHICLES



DEVICE APPLICATION

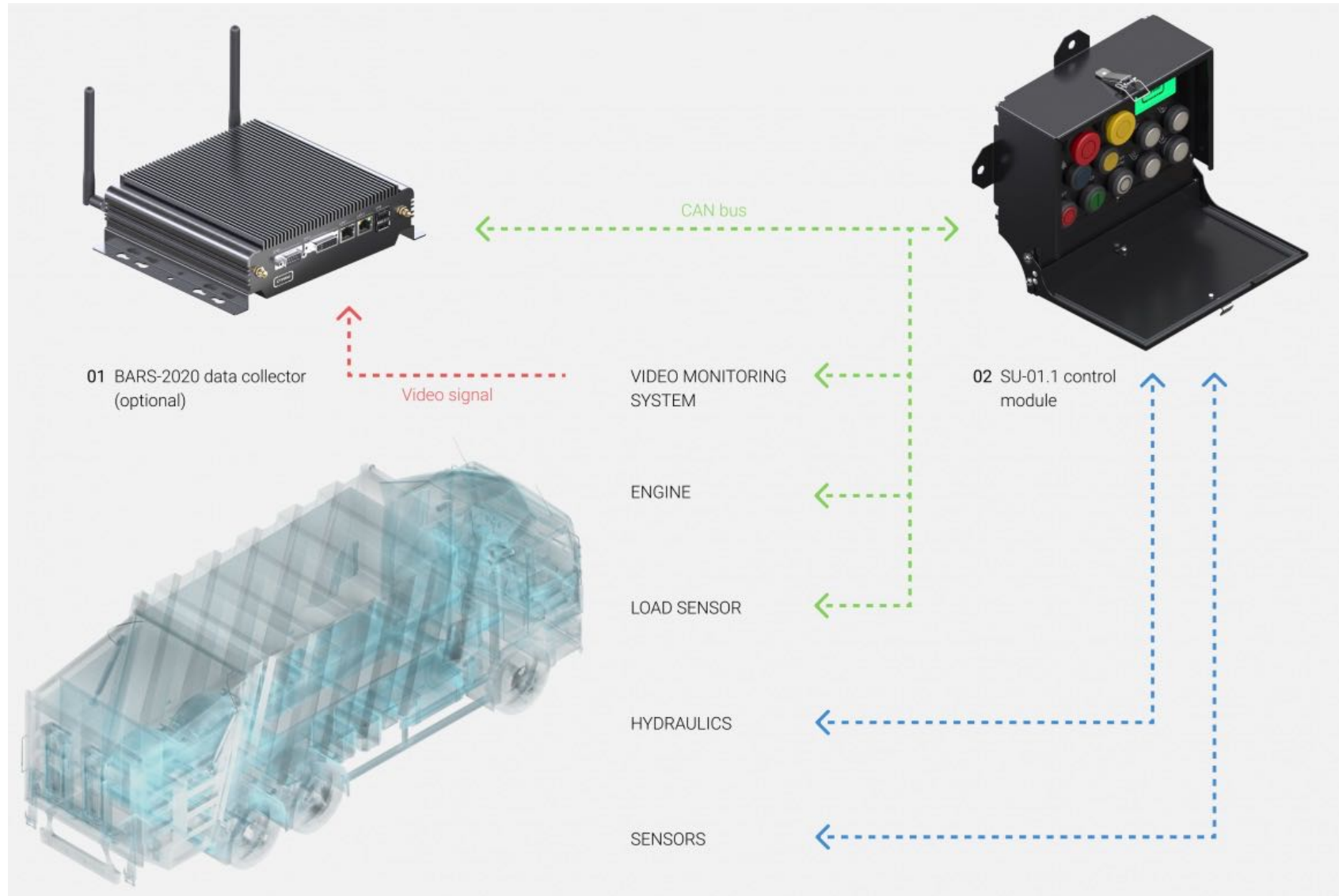
The system is designed to control over the working equipment of loading and waste baling on rear-loading garbage trucks and other municipal vehicles.

Control system features:

- Automatic and manual waste baling.
- Emergency stop, a special smoothing mode and integration with a video monitoring systems for hazardous areas.
- Integrated onboard diagnostic system for garbage truck components with messages displayed on the cabin screen.



STRUCTURE OF THE CONTROL SYSTEM



ADVANTAGES

- Manual control of the waste baling process;
- Semi-automatic control of the waste baling mechanism;
- Automatic control of the waste baling mechanism;
- Rear side up/down control;
- Ejection plate control;
- Smoothing mode;
- Emergency alarm;
- Working area lighting;
- Emergency shutdown of the baling mechanism;
- Overload protection;
- Overpressure protection;
- Exceeding moment protection;
- Load sensor and load indication support;
- Engine speed control via CAN bus;
- Integration with the video surveillance system to prevent dangerous situations;
- Registration of all parameters of the machine and images from video cameras.

SPECIFICATIONS

Parameter	Value
Operating voltages range, V	18...36
Current consumption, max, A	8
Number of CAN supported	1
Number of indicators	3
Number of discrete inputs	4
Voltage range corresponding to logic "0", V	0...5,7
Voltage range, corresponding to logic "1", V	13.3...36
Maximum input voltage, V	36
Current inputs: number / range / accuracy	4 / 0...25 mA / 0,25 mA
Sensor power outputs: number / max. voltage / max. current	1 / 15 V / 200 mA
Type "A" power outputs: number / max. continuous current	12 / 2 A
Type "C" power outputs: number / max. continuous current	9 / 2,5 A
Emergency stop output: number / max. continuous current	1 / 3 A



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