



wyca
robotics

Elodie and micro-ROS

*European Robotics Forum 2021,
at Deeply embedded softwares presentation
Anaëlle Sarazin
April 13th 2021*



What is Wyca?

- Created in 2015
- ~10 employees



What is Wyca?



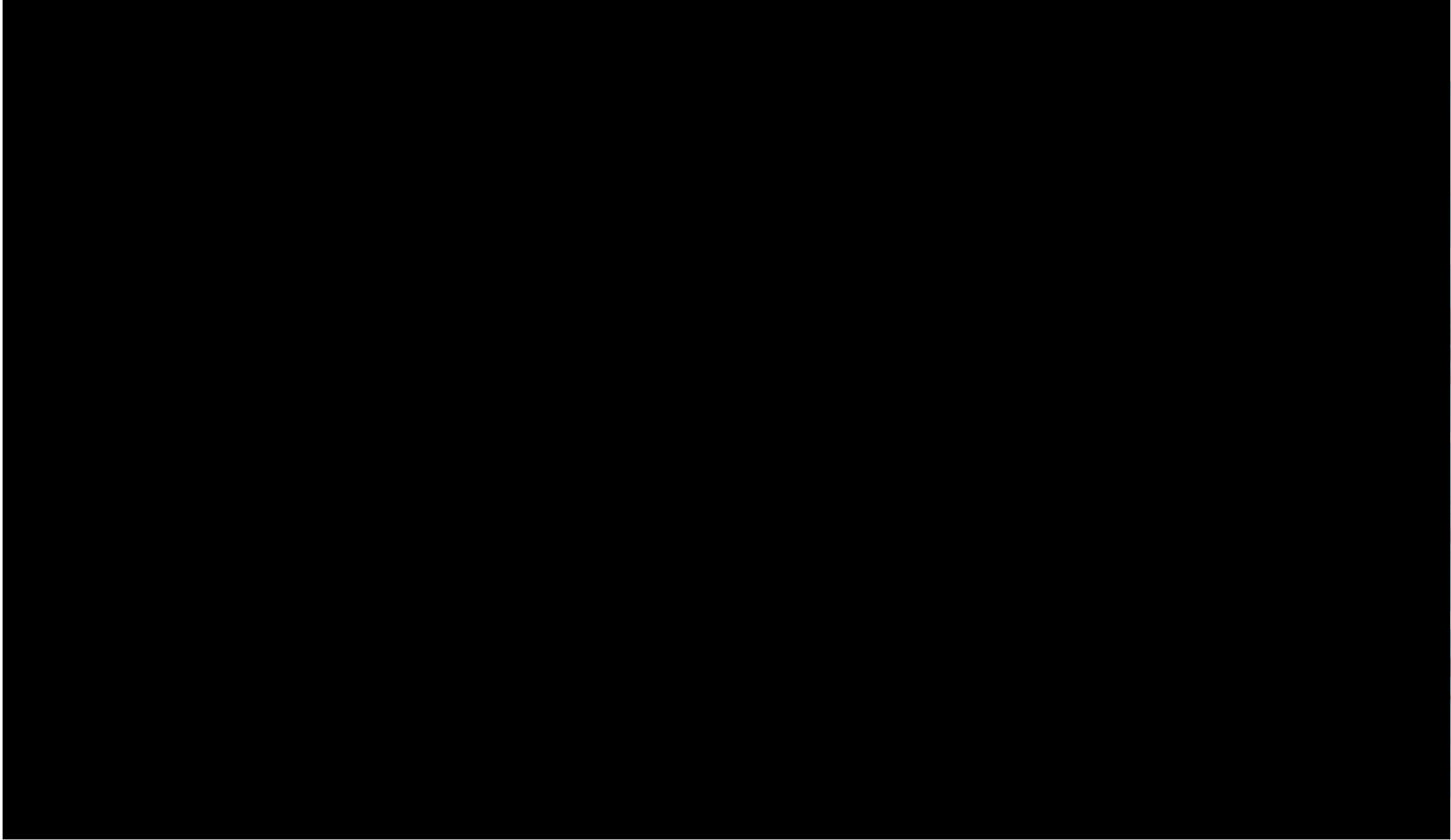
Keylo



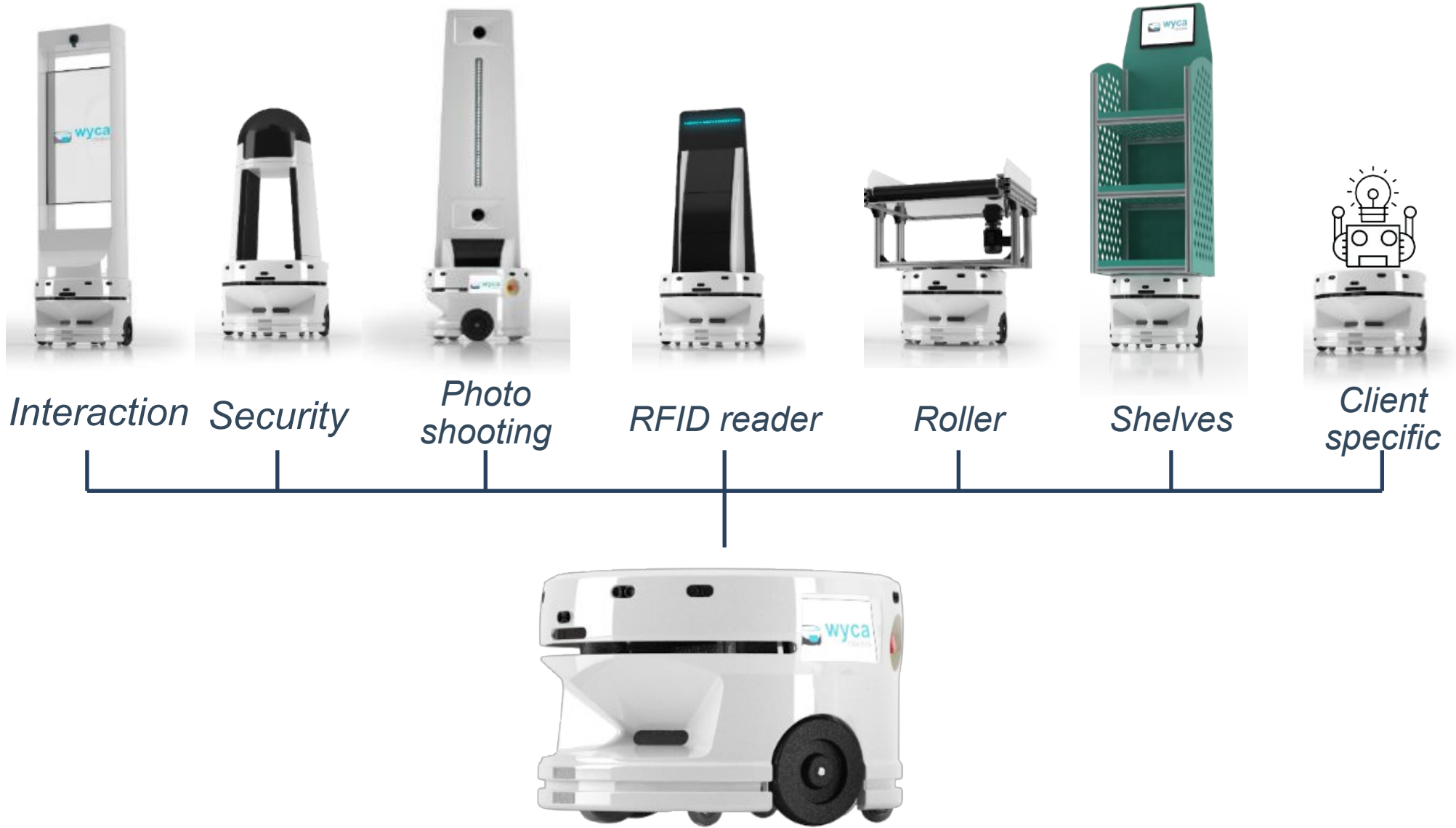
Elodie

- Indoor autonomous robots
- Retailing, industries, hospitals, security, assistance, ...

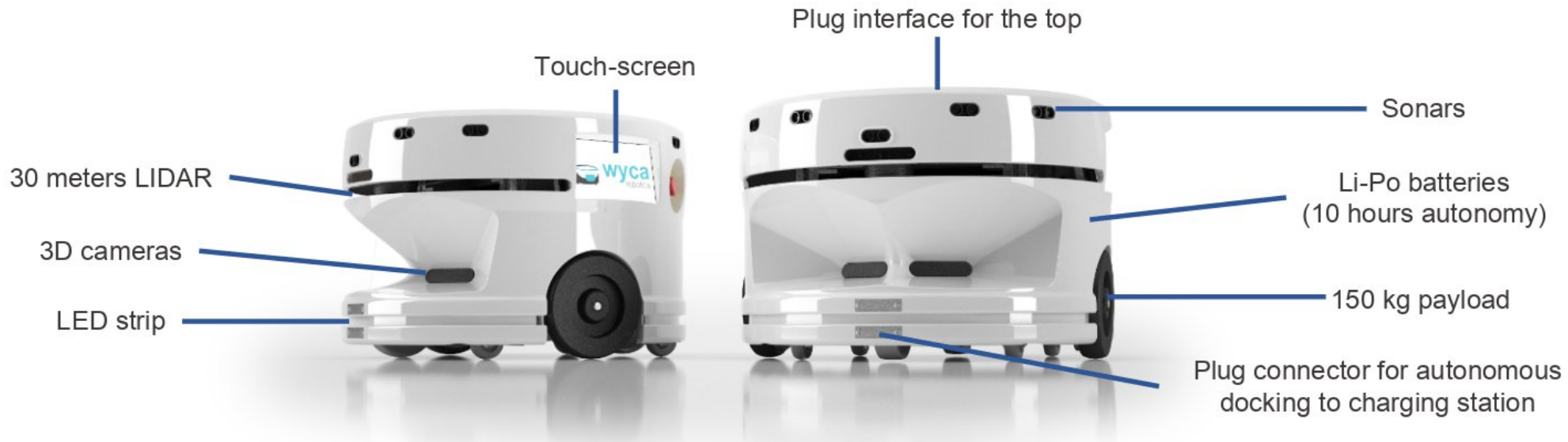


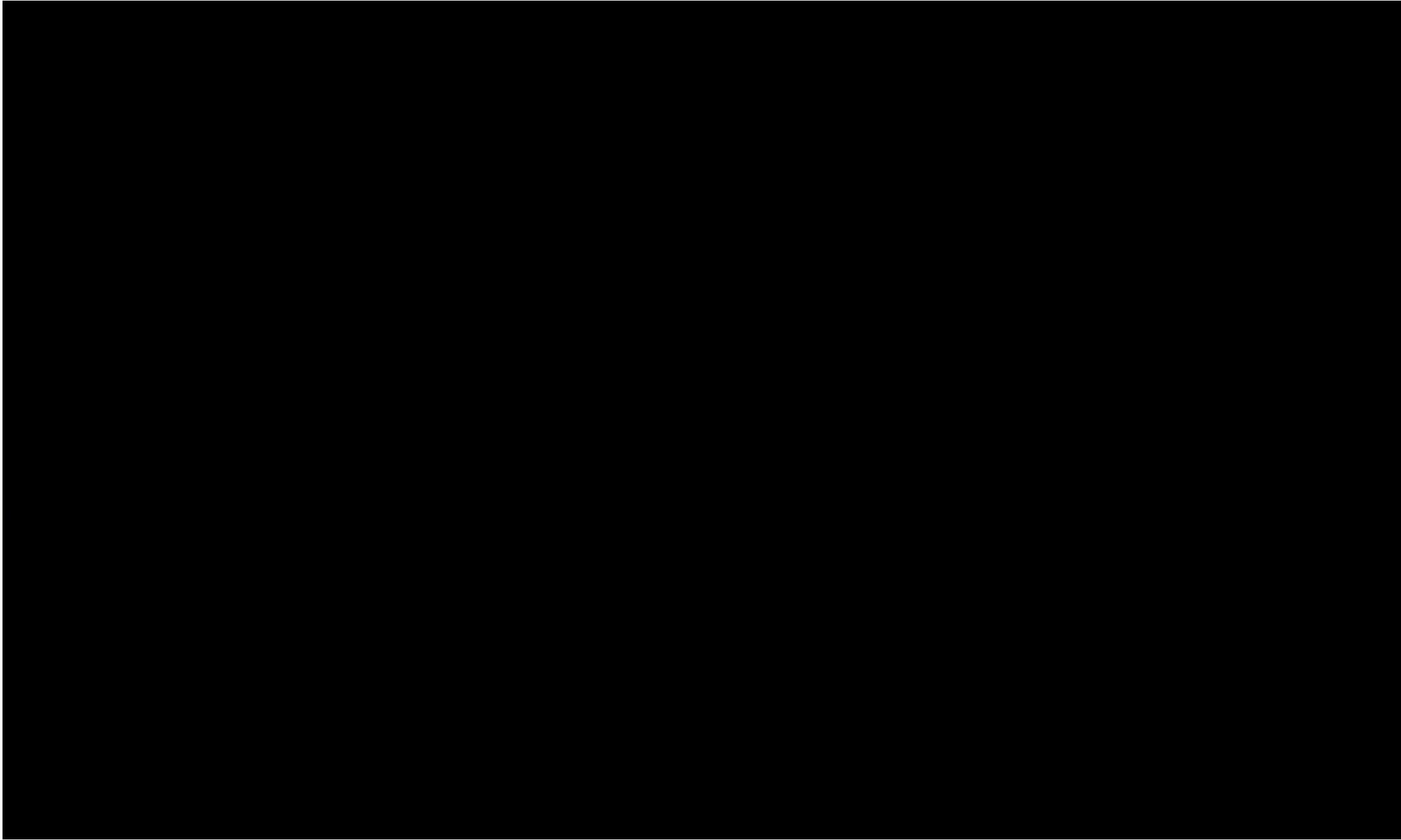


Elodie



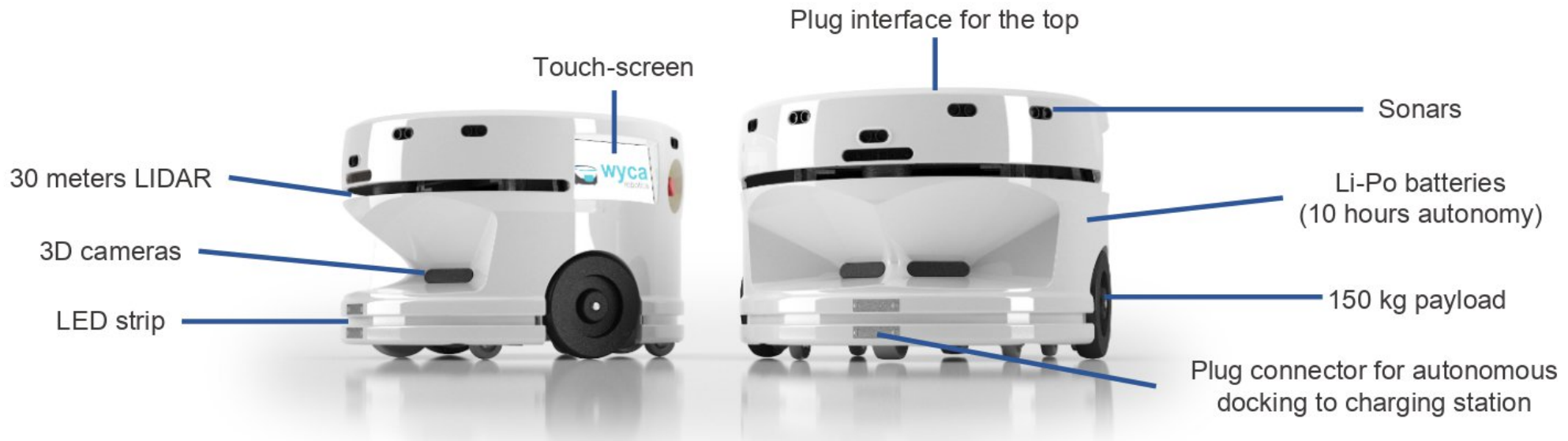
Elodie







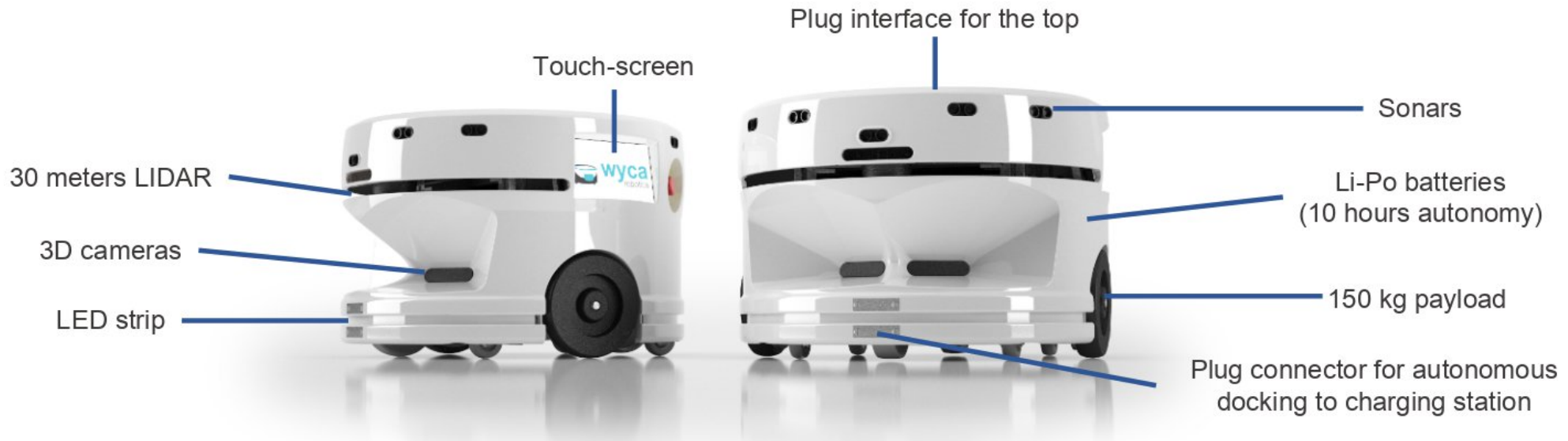
Elodie



ROS



Elodie



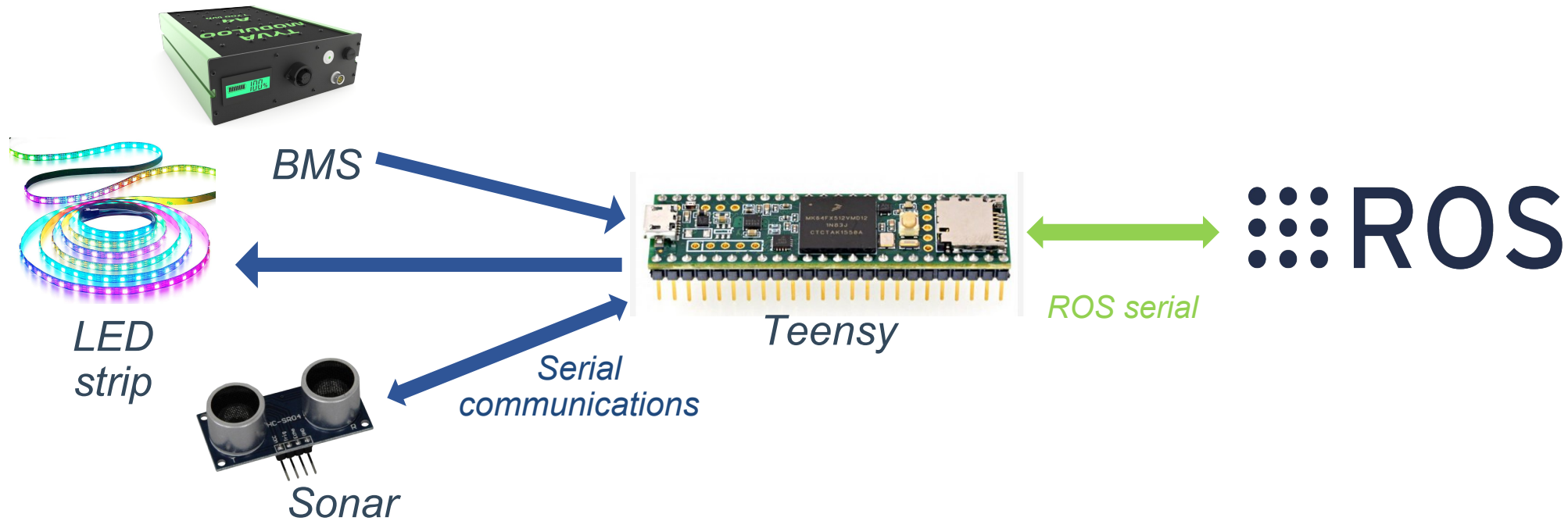
ROS



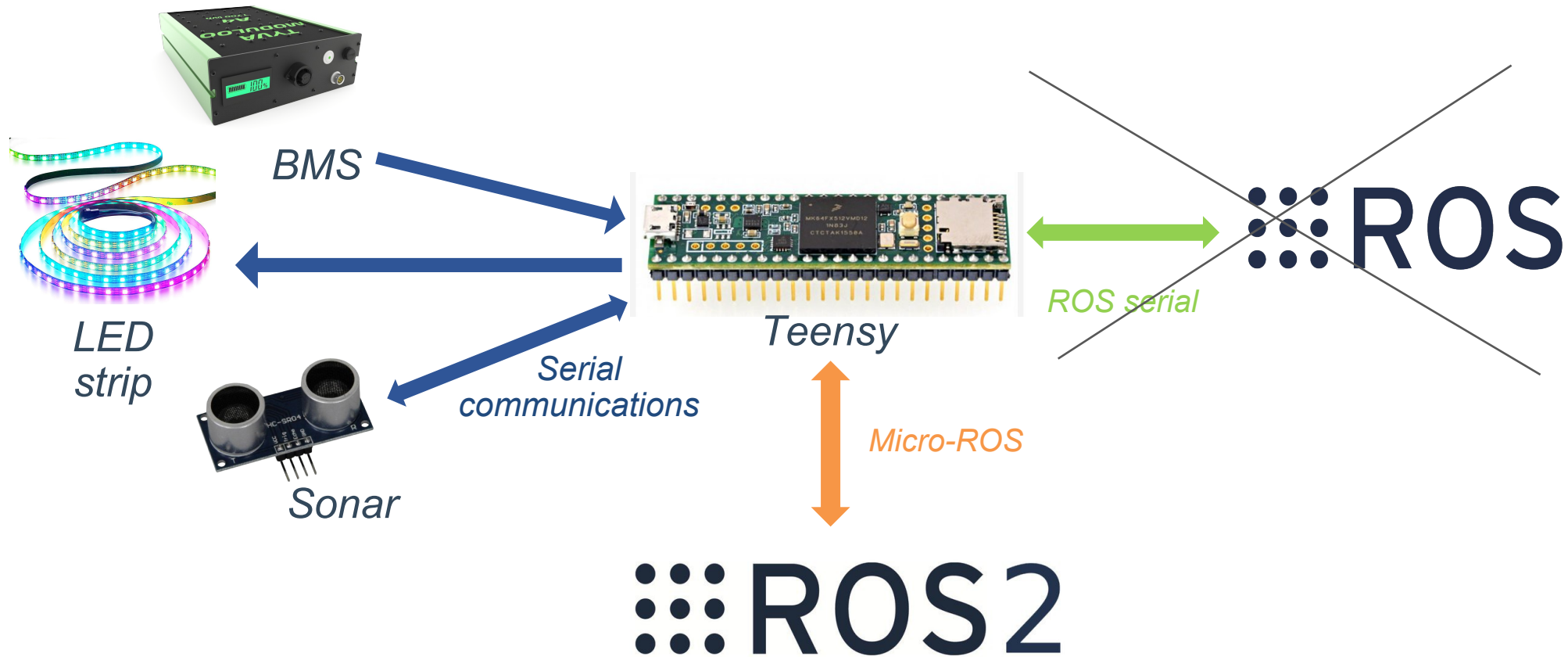
ROS2



Micro-ROS and Elodie



Micro-ROS and Elodie

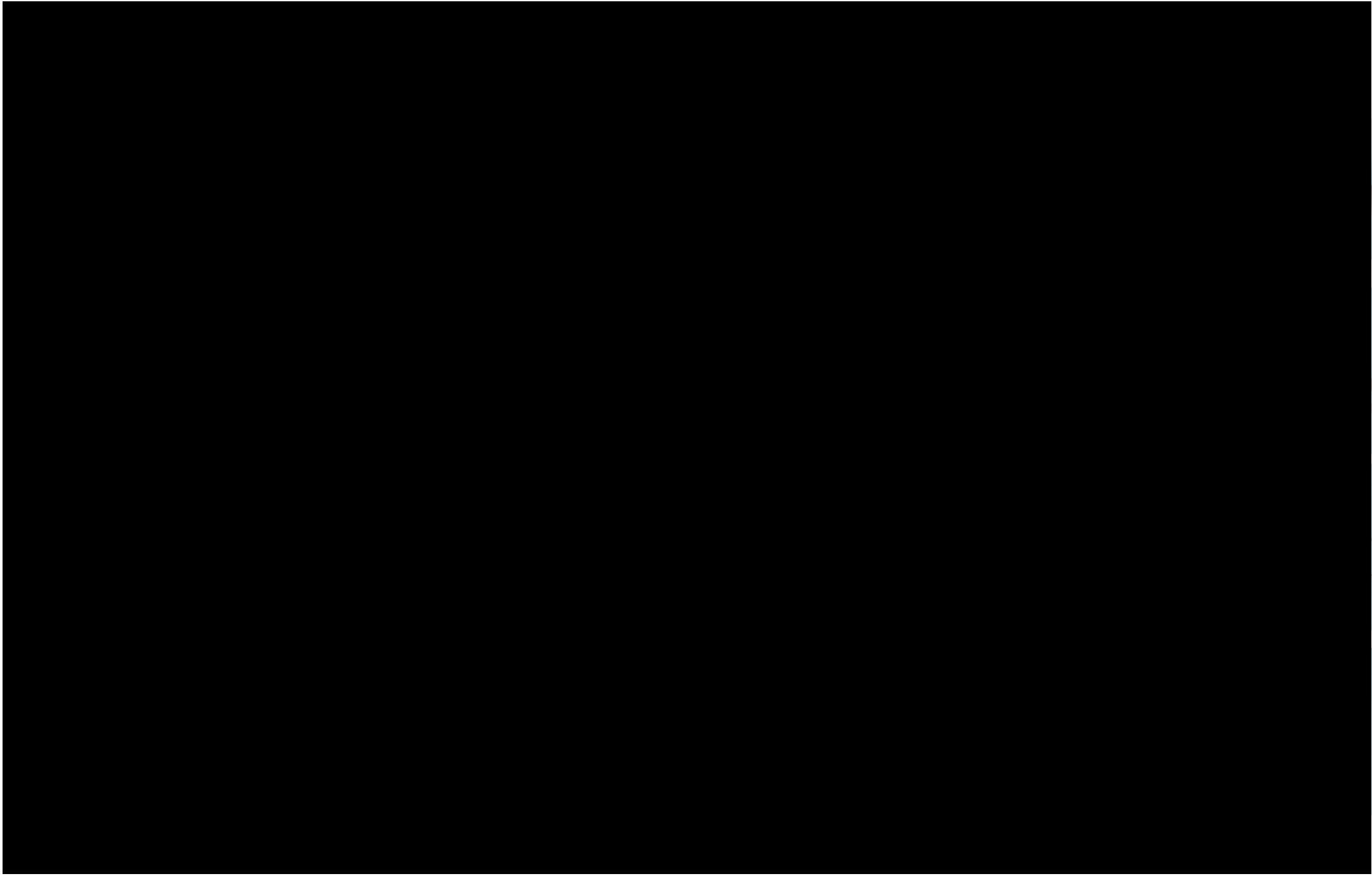


Micro-ROS and Elodie



Features	Required	Optional
Communication ROS2 - Teensy	✓	
Auto-reconnection to micro-ROS agent	✓	
Custom messages	✓	
Broadcast restricted	✓	
Memory optimization		✓
Custom quality of service		✓
Micro-ROS agent debian release		✓
ROS interface on Teensy		✓





Micro-ROS and Elodie

ROS2 +  ROS



Elodie 2 ready!





For further information:

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