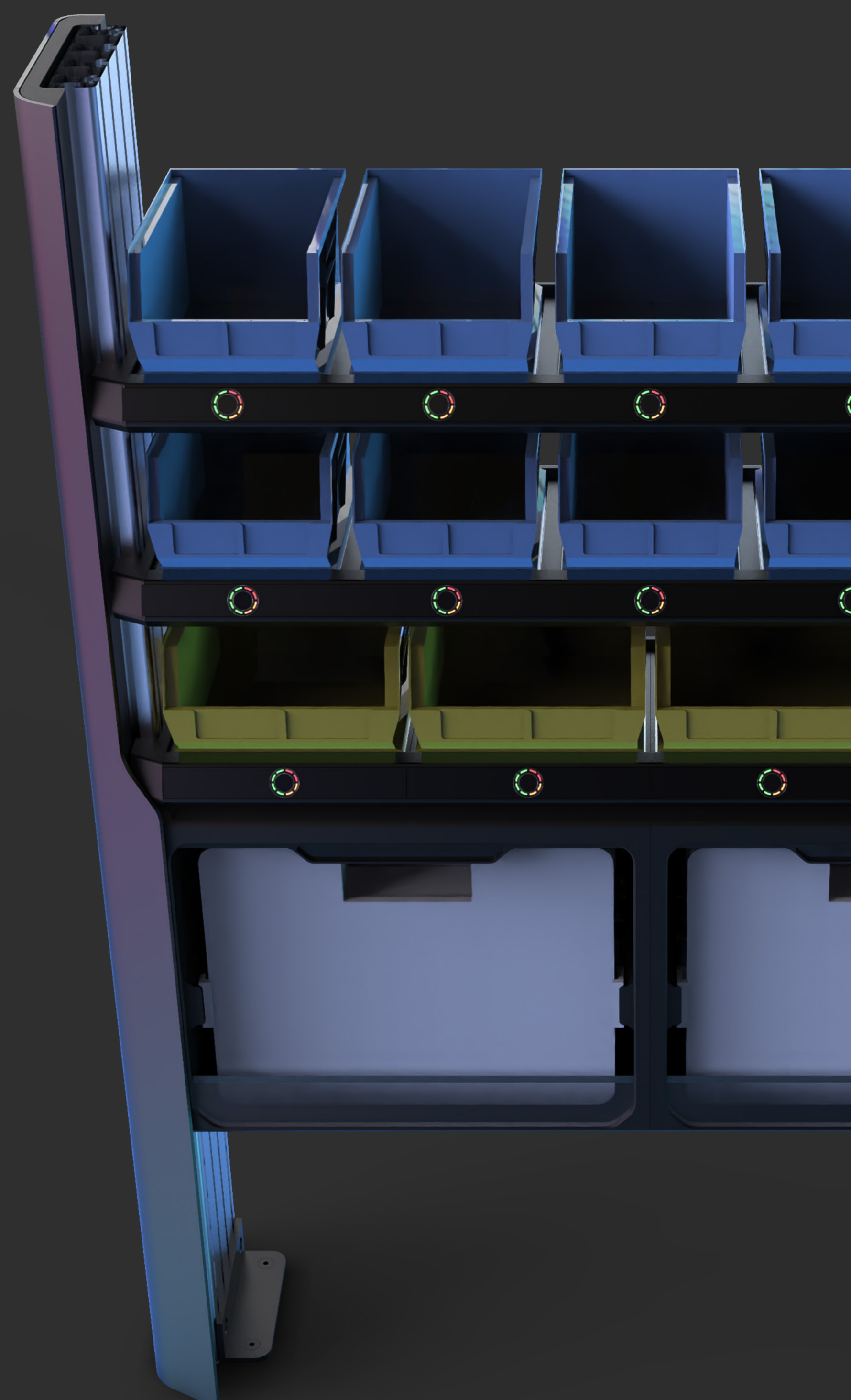
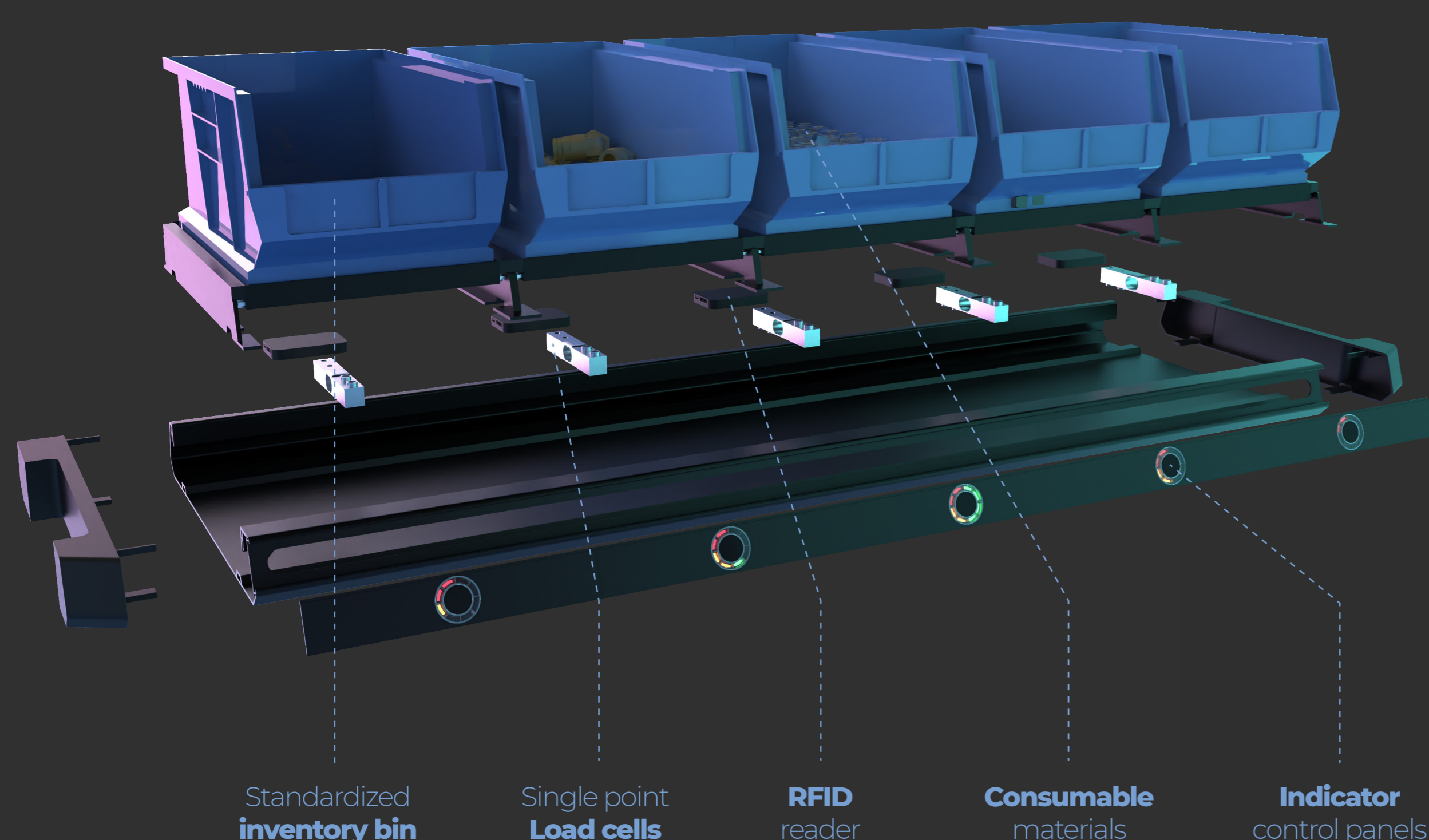




# Craftsman's right hand.

**Craftsmen** are one of the major customers of the light commercial vehicle market. They see their vans as trustworthy colleagues that help them to bring their materials everywhere. However the current state of their vans, especially the chaotic trunk area causes difficulties in inventory management. **Lack of inventory awareness**, results as disruptions in the workflow. Having a low-stock of a certain material, travelling additionally to the supplier to cover the deficiency and physically effortful routine controls for the inventory are some of the aspects that brings disruptions and impracticalities.

Ford Cognizant is a **smart inventory control system** dedicated for the **consumables** carried in craftsmen's light commercial vehicles. Screws, elbows, fasteners or any type of small material with a high usage frequency is hard to manage. The concept gives a **new impulse to the inventory management in the trunk** by providing connectivity in between the inventory and craftsman with giving continuously **relevant and suggestive informations** via the utilisation of accessible technologies.



**Barkin Alaybeyoglu**

Smart trunk design for light commercial vehicles of craftsmen with a human-centric approach

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MSc. Integrated Product Design

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