



All these components are designed to be embedded into a 20' ISO-container, which can be easily transported and deployed wherever required.

An easy-to-use human-machine-interface and software for the direct manufacturing of custom designed and bespoke products.

The CassaMobile concept aims to provide local, flexible and environmentally friendly production of highly customised parts. The production system is based on a truly modular architecture, allowing rapid adaptation to new requirements. This 'plug & produce' architecture includes mechanical and control system adaptation.

The footprint of the CassaMobile production container is minimised to enable transportation and deployment in areas with

severely limited space, whilst minimising investment and infrastructure costs.

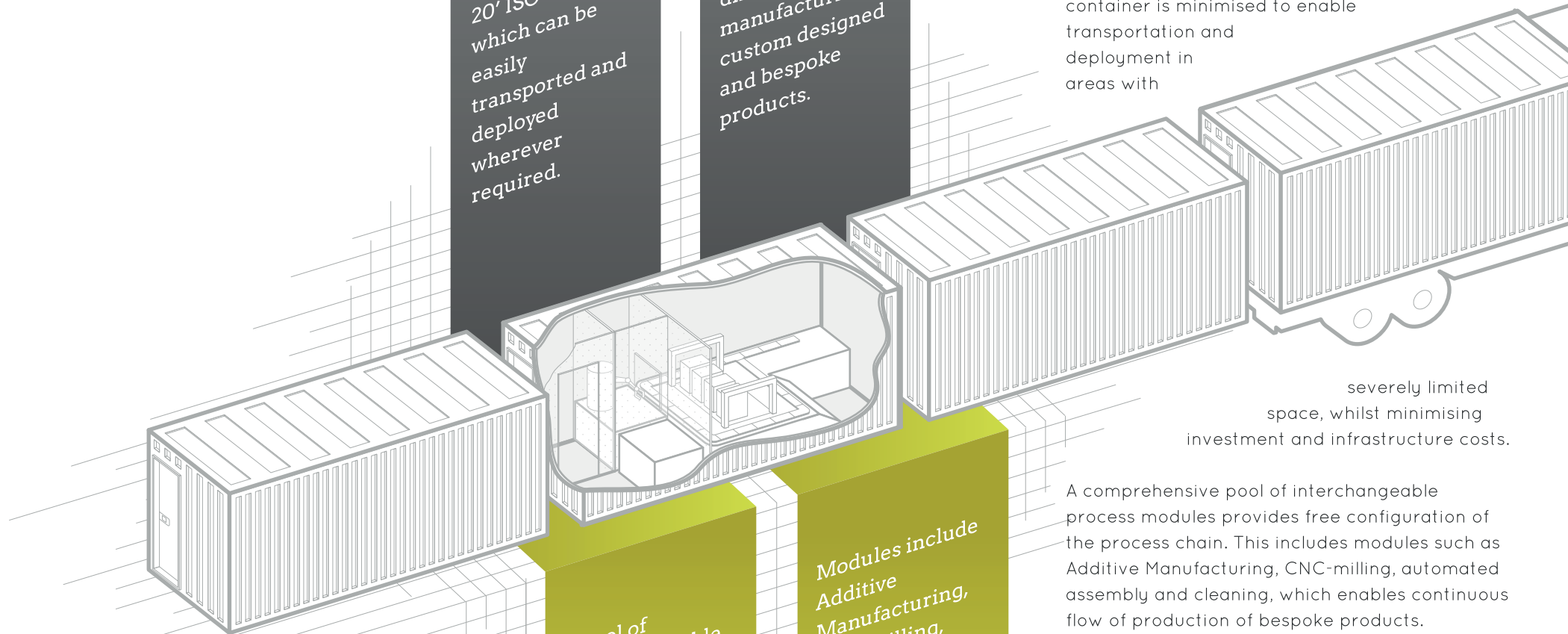
A comprehensive pool of interchangeable process modules provides free configuration of the process chain. This includes modules such as Additive Manufacturing, CNC-milling, automated assembly and cleaning, which enables continuous flow of production of bespoke products.

The CassaMobile concept is supported by an easy-to-use human-machine-interface and software for the direct manufacturing of custom designed products, making the system cost-effective for end-users, operators and engineers.

Flexible mini-factory for local and customized production in a container.

A pool of interchangeable process modules provides flexible configuration of the process chain.

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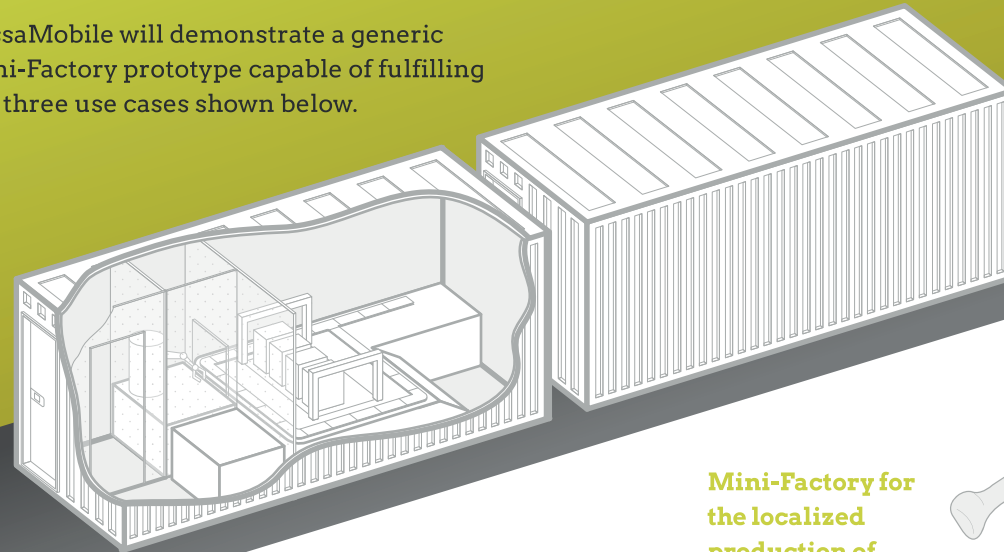
The CassaMobile partners are...



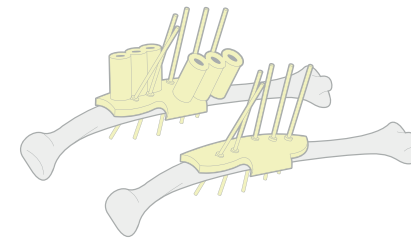
European companies are facing rapidly changing customer and production requirements. The trend towards mass customization and make-to-order are leading to smaller production numbers and requires highly flexible production systems.

CassaMobile will demonstrate a generic Mini-Factory prototype capable of fulfilling the three use cases shown below.

These scenarios testify the dedication of industrial partners and how CassaMobile integrates these into the scientific and technological progress.

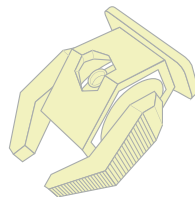


Mini-Factory for the localized production of bone drill guides



The delivery time of a bone drilling guide takes normally up to 30% of the total time of the processes leading from data capture to surgery. This important bottleneck can be tackled by having local, faster and flexible production facilities, which allow fast but high quality production.

Mini-Factory for the local production of individual grippers



With mobile production available, even for clean-room environments, CassaMobile will allow fast and customised production of individual grippers directly at the point of need, taking advantage of new technological advances such as Additive Manufacturing and CNC milling.

Mini-Factory for the local production of orthotics



The distance between clinics and the orthotics fabrication site generates waiting times and multiple patient visits. CassaMobile aims to reduce production time allowing the patient to attend the hospital only once and be supplied with an orthotic within a matter of hours of the original assessment.

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