



Lean Construction Congress

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LEAN CONSTRUCTION
INSTITUTE - FI



Turnkey operating room concept

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inoroom
Pure intelligence.

TEAM OF EXPERTS

Together, we can do more

- Behind Inoroom, there are three Finnish experts in their own respective areas:
 - Hermetel (clean rooms)
 - Halton (ventilation)
 - Merivaara (OR/AV management system)
- New innovations at the intersections of technologies and better management of the total solution.

 HERMETEL

Halton

 MERIVAARA



CONSEPT



Winner of 2017 building project award in Finland!
Finnish Association of Civil Engineers

- Expert of special rooms
- Delivering safe and functional indoor environments. Performance guarantee.
- Taking responsibility and caring about end results

- Learning, innovating and development continues
 - More effective co-operation, service and project management
 - Better quality
 - Shorter installation time & cost savings

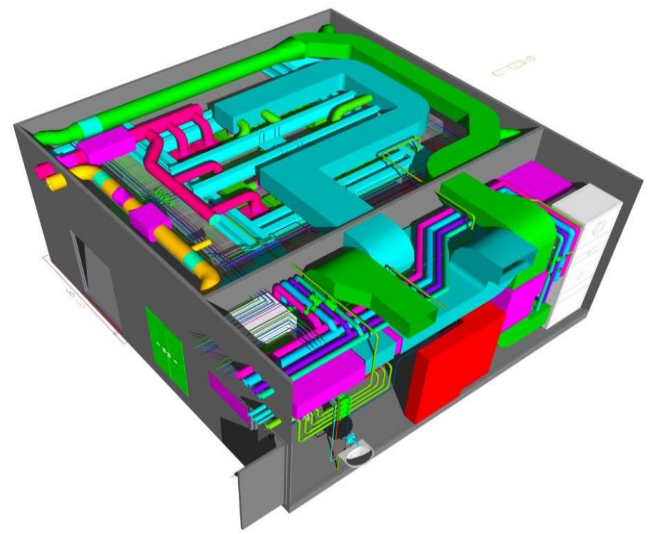
DELIVERY CONTENT

The basic package contains:

- Project management, Design
- Functional operating room as a turn-key delivery
 - Clean room system, general lightning
 - Pendant support frame
 - Ventilation solution ISO5 / < 10 CFU/m3, automation, AHU
 - Electricity and tele/data networks and centres, isolation transformers
 - Hospital gases, gas exhaust system
 - OR control- / AV-system with touch screen and door info panels
 - Validation measurements, commissioning, user trainings
- Technical room and technical connections between rooms

Options:

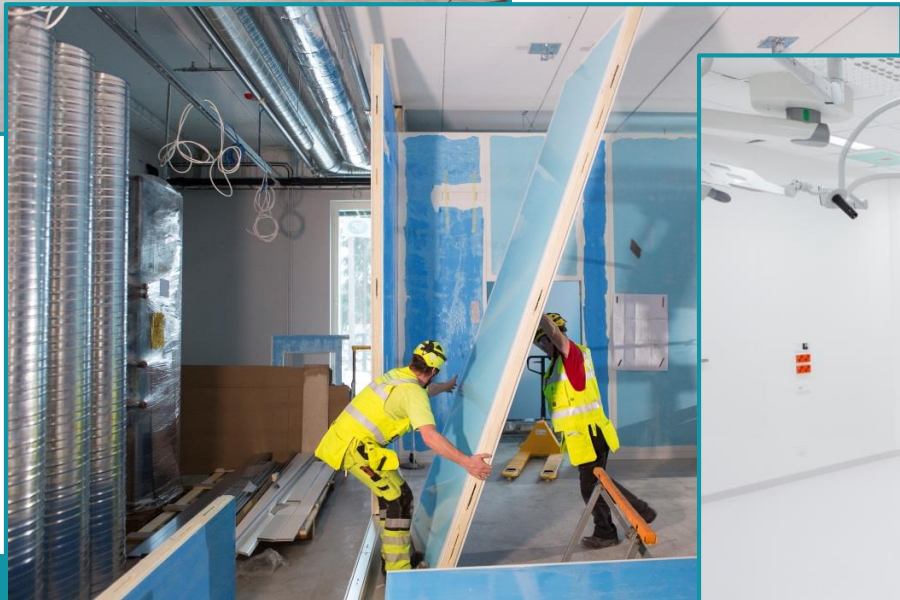
- Monitors and image sources
- Operation lights and pendats
- Operating table and other fitments



MODULARITY, PREFABRICATION

- Flexible design -> Box of Lego's
- Preparations, -fabrication or modularity
 - Project management, scheduling
 - Technical design (know-how, predesigns and tested performance metrics of the environment)
 - Wall elements with cable conduits + other fittings
 - OR Management & AV-system
- Under development
 - HVAC prefabrication
 - Electricity system prefabrication





[POHJOLA TERVEYS OULU SHORT TRAILER](#) [\(link to Youtube video\)](#)



THANK YOU!

