

in a different

[03]

Product innovation



Leonardo Experience draws a bridge between Business and Educational programs by bringing them together. Student teams of the Hogeschool Rotterdam and the TU Delft are now designing a more sustainable and integrated system in a contemporary housing.

In collaboration with Leonardo Experience, the Verkerk Groep and students of the Hogeschool Rotterdam are making improvements on a motion detector. They are working together on both the infrared sensor, the circuit board and modernizing the housing.

The detector monitors movements at a height of about 15 inches above ground level throughout the area. Once the resident or patient is in bed, the system can be put on standby. When the user steps out of bed, an alarm will sound. The alarm will ring at the nursing post. The system can be connected to the Verkerk Service system and also with other nurse calling systems. It is easy to install and provides an excellent method of monitoring people with limited mobility.

When a company or student has a design that needs prototyping (occasionally after innovating a product) this can be done by the 3D printer in the X-lab.

In this process, students and clients can easily learn from mistakes or design flaws at an early stage. All of this whilst holding an actual tangible product in their hands at the end of the day! As an example Leonardo Experience produces models of buildings for an architectural bureau.

The facilities of the X-lab are open to both educational institutions and businesses alike.

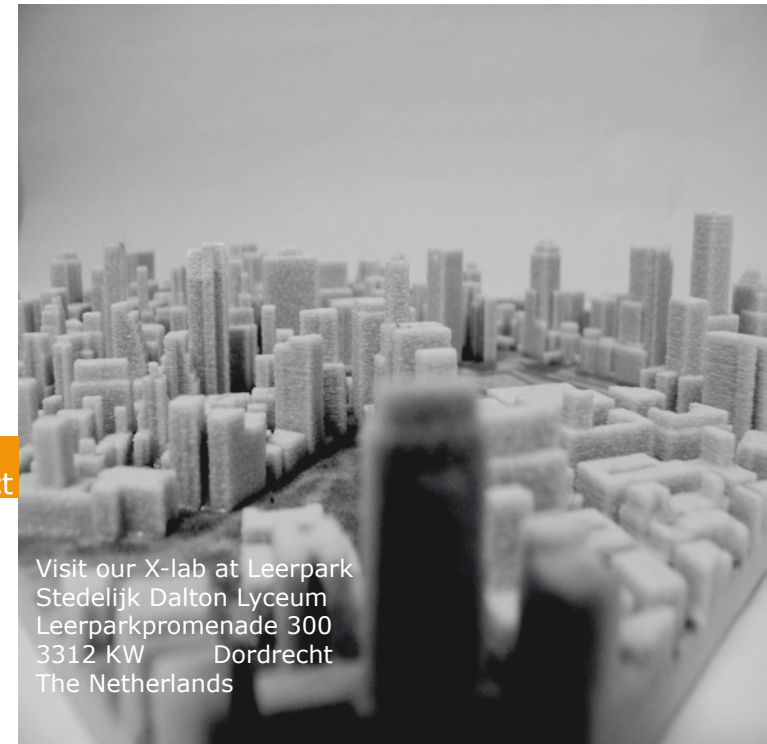


& modern way

[04]

Lex-team

Leonardo Experience works with as many orders as possible from the business world. Students approach these real world problems by thinking, experimenting, researching and finally offering a solution. Where innovations are required Leonardo Experience will set up a brainstorming session. The members of this Lex-team consists of students, professors and other creative souls from all walks of life.



Contact

Visit our X-lab at Leerpark
Stedelijk Dalton Lyceum
Leerparkpromenade 300
3312 KW Dordrecht
The Netherlands

For more information visit our website www.leonardo-experience.nl or send an email to info@leonardo-experience.nl

Product innovation and educational programs Hans Visser +3154638878
Prototyping, office and PR/ communication Harmke Hulst +31651788382