



Design and innovation go hand-in-hand

September 25, 2015

The Hand-in-Scan Medical Trainer won two major design awards this week. The hand hygiene education and control system was created as a result of a successful cooperation between the [Hand-in-Scan team](#) as developer and manufacturer and the [Flying Objects](#) designer team. Within the framework of the Hungarian [Design Week](#) it received the **Hungarian Design Award** on September 24, in the category of “Product Design”. The next day, at the most important event of the designer community, Hand-in-Scan won the [Red Dot design award](#) in the category of “Design Concept”.

The Red Dot, the “Oscar prize” of the designer world, delivers award to products which are innovative, functional, durable, have added value and can be used as an integrated system. The award indicates highest quality and aesthetic warranty for future customers and users. The award was received by the Flying Objects designer team from Budapest.

During the development of the Hand-in-Scan hand hygiene monitoring and education system, the engineer maintained a tight, exemplary cooperation with the designer team. The collaboration began after the preparation and validation of the initial functional prototypes; the technical development induced upgrades in design and in certain cases, engineering decisions were influenced by the shape and form of the device. The Hand-in-Scan project proved that design is not mere aesthetics, but also a question of function. It greatly affects how users will relate to the product, and this determines the usability as well.



The founders of Flying Objects Design Studio, András Húnfalvi and Ferenc Laufer, designers at the Red Dot award ceremony in Singapore (Source: Flying Objects).

Hand-In-Scan

The visible improvement



The HandInScan Ltd. was founded in 2012 at the Budapest University of Technology and Economics (BME) as a spin-off company. In 2014, the team completed a clinical prototype of the “Hand-in-Scan” system, which has been tested with more than 15 thousand health workers. The development was made in cooperation with BME and Austrian Center for Medical Innovation and Technology (ACMIT). The system has already won several awards for innovation and business development.



The Hand-in-Scan Medical Trainer hand hygiene control and teaching system.