After seven years of research conducted under the supervision of Prof. B. Raucent (UCL-iMMC/MEEED), in 2011 Dr. K. Tran Duy founded CenTIS, a spin-off specialising in 3D technologies for cranial reconstruction surgery.

Two years later and as a result of research performed since 2005 in collaboration with Prof. X. Banse (UCL-IREC/CARS), Dr. L. Paul created the spin-off Visyos with the aim of providing assistive technologies for surgeons carrying out osteotomy procedures.

The two CEOs know each other and decided in 2015 to pool their mutual and complementary skills within a single company: 3D-Side.

Assistant surgeons by integrating 3D technologies in the operating theatre

3D-Side: a key player for the world of tomorrow

This spin-off assists the surgeon carrying out a challenging operation by combining engineering accuracy with medical expertise. Its role is to process medical images acquired during the diagnostic stage and bring new and useful information to the surgeon so that he can adapt his surgical treatment. 3D-Side also assists the surgeon in the operating theatre by manufacturing medical devices that helps him to replicate the pre-operative simulation.

This long-term process has involved surgeons, engineers and IT specialists, making it possible to develop smart assistive techniques, publish scientific papers and patents, and above all, provide treatment to many patients suffering from cancer.

Direction of reading: Dr. L. Paul – Co-founder & Co-CEO, Dr. K. Tran Duy – Co-founder & Co-CEO

Absent from the picture: Prof. X. Banse (UCL-IREC: Institute of Experimental and Clinical Research), Prof B. Raucent (UCL-iMMC: Institute of Mechanics, Materials and Civil Engineering)