



E-Spres3D is a spin-off of Pisa University. E-Spres3D (e-Simulation and Planning from radiological exams to surgery) mainly offers support services for the Planning, Simulation and Execution of surgical interventions, briefly illustrated below:

1. PATIENT-SPECIFIC 3D MODELING
2. SURGICAL GUIDES
3. MEDICAL SIMULATORS

They turn to the Health System, to Companies and Research Centers operating in the Biomedical sector and to Medical / Surgical Training Structures by offering: surgical planning services thanks to patient-specific 3D modeling, solid replicas with rapid prototyping, medical simulators and customized solutions HW-SW.



Company name: E-SPRES3D S.R.L.

Location: PISA, Via Paradisa 2, 56124 c/o Ospedale di Cisanello Ed. 102

Fiscal and VAT code: 02044140503

Established: March 2012

Legal form: LIMITED LIABILITY COMPANY (LLC, SRL)

Internet site: <http://www.espres3d.com/>

NACE Code: 72.19

Sector: LIFE SCIENCE

Spinoff: Università di Pisa

Subscribe
Capital
10 K- 20 K

NO
Female, young
or Foreign
Predominance

Qualified Team from University of Pisa

OPERATIVE TEAM

Marina Carbone

CEO of the E-Spres3D. Biomedical engineer, PhD in robotics at the Sant'anna School. 7 years in R&D at EndoCAS - UNIPI

Sara Condino

Certification and Experimentation Manager. Biomedical engineer, PhD in technologies for health at UNIPI. 7 years in R&D at EndoCAS / Sant'Anna School

Vincenzo Ferrari

Product Engineering. Biomedical engineer, PhD in technologies for health at UNIPI. Since 2006 R&D coordinator at EndoCAS – UNIPI. 5 years coordinator R&D for SW-SCADA and Mascine Vision

CLINICAL ADVISORY BOARD

Paolo Parchi

Orthopedic surgeon, researcher, co-inventor of the patent, solid experience in spinal surgery

Carla Cappelli

Radiologist, Phd. Expert in the processing of volumetric images surgeon

Mauro Ferreri

Director of a medical surgical department, expert in the management of hospital dynamics



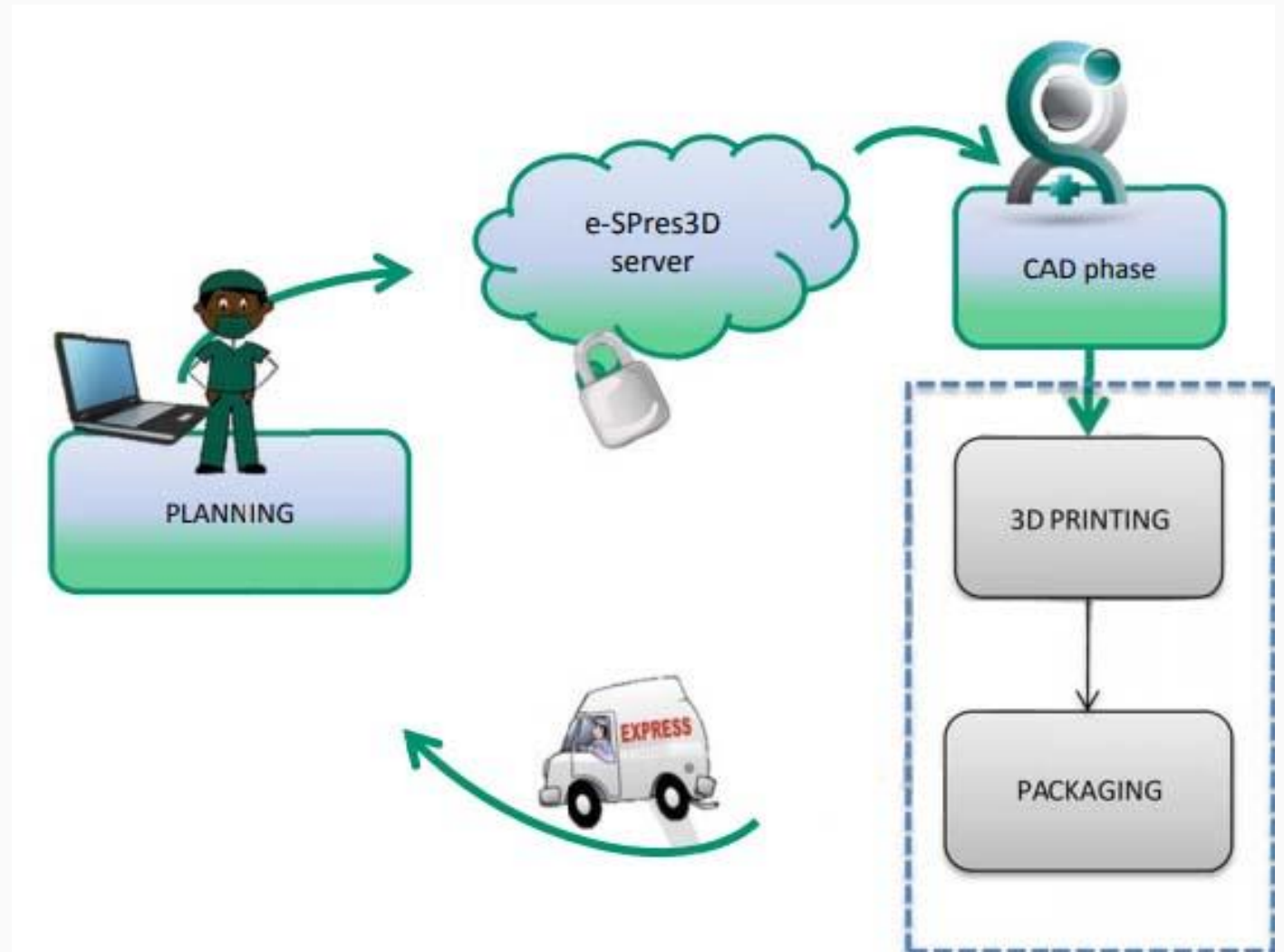
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BUSINESS MODEL

They follow a “Product as a Service” model. The surgeon imports the images of the patient under examination in a dedicated software environment in which he plans the trajectories screws for the specific patient. The schedule along with the patient images is uploaded to a server dedicated. At this point the design phase on the e-SPres3D side begins. At about trajectories indicated by the surgeon the CAD of the surgical guide is drawn. The environment of CAD design is commercial and the guide is defined in parametric terms automated.

Once the CAD project is ready, it is sent to print via a 3D printer professional and certified to print in sterilizable material. The finished piece comes packed in a disposable patient-kit ready to be delivered via private courier to the sterilization center and then to the surgeon.

The patient-kit is likely composed of the templates necessary for the intervention together with the standard instrument kit (screws and rods).



INTERESTS MARKET GEOGRAPHIC AREA OF INTEREST AND IP

INTERESTS

Customers	Lender / Investor	Incubator / Coworking spaces	Partner university	Business partners	Technical support figures
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

MARKET GEOGRAPHIC AREA OF INTEREST



Worldwide

PATENT: IT - EU – CINA – USA
PATENT FILING NUMBER:
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