

IRIS

FORESIGHT.
FIRESIGHT.

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Seeing through the flames: finding solutions

24.210

Average civilian deaths in
the world per year**

234.675

Firefighter calls in Italy during 2015 *



159/75.895

Average Firefighter deaths/injuries
in the world per year **

A suboptimal solution:
Thermocameras



Our product:

IRIS

IRIS Infra-Red Innovative Sensors

Security imaging systems for clear vision through smoke and flames



Standard Thermocamera

IRIS camera

Safety brought to the field

IRIS

- Active illumination
- IR sensor network
- Emergency management software



Fixed installations:

- Airport security, emergency landings
- Public buildings surveillance
- Industrial production sites
- Tunnels: prevention of secondary accidents

Mobile installations:

- Firefighting
- Defense, Homeland security
- Emergency management

Potential Customers

Entities who need to offer their own clients a solid sense of security



Airlines



Highways



First responders



Transportation



Surveillance



Defense Departments

Strategic Partners



Competitive advantages

	IRIS	IR thermographic sensors (FLIR,...)	Visible light cameras (GoPro,...)
Vision through Flames	✓	-	-
Vision through smoke	✓	✓	-
Temperature measurement	✓	✓	-
Night-vision	✓	✓	-
Easy to use	✓	✓	✓
Flexibility	✓	✓	✓
Fixed and portable installations	✓	✓	✓

Barriers to competition



- ❖ First to Market with See-Through-Flames Cameras
- ❖ USA Patent
- ❖ Technologically expert team
- ❖ External experts support through the "Aerospace Tech Challenge"

Team



Vittorio Bianco, CEO

4+ years experience in Advanced Imaging
7+ years experience in Numerical Processing

Biagio Mandracchia, CTO

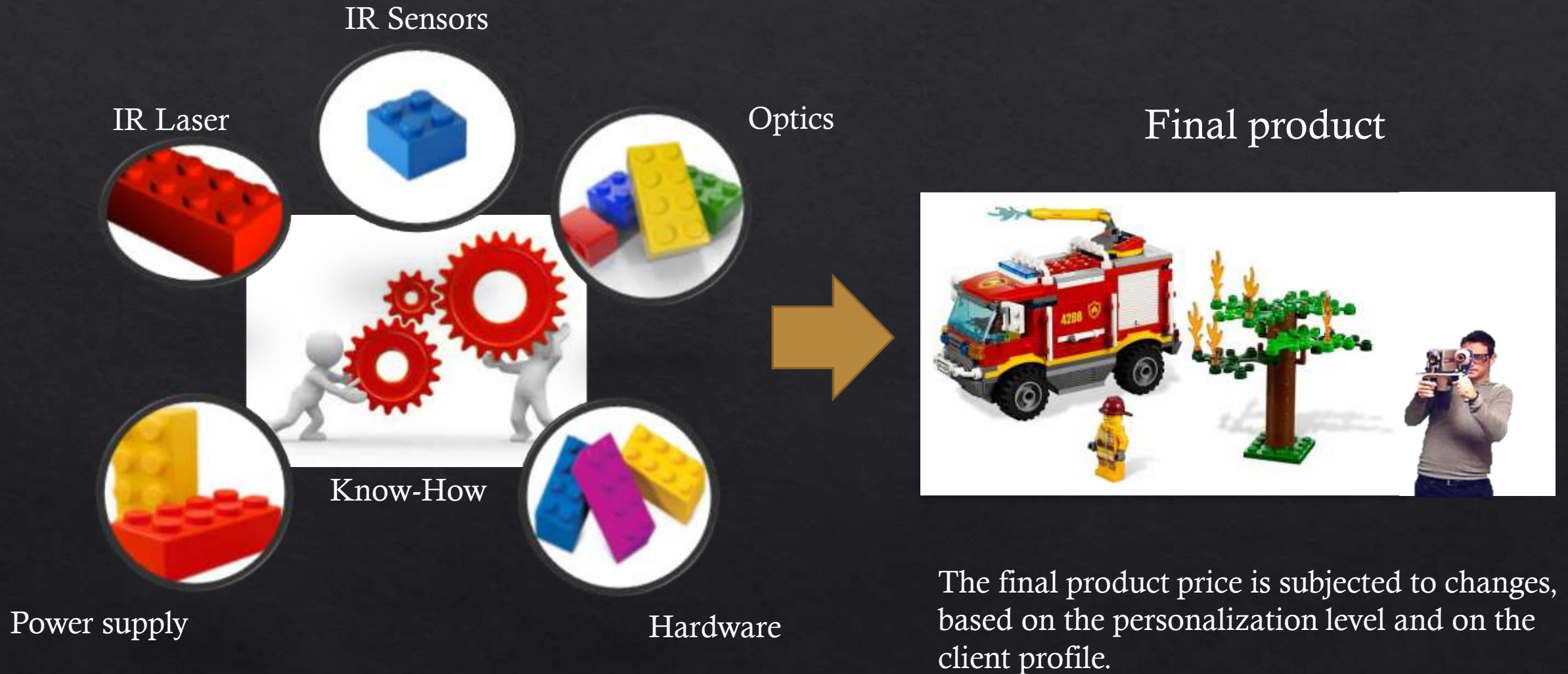
7+ years experience in Applied Optics
Advanced Imaging Systems design



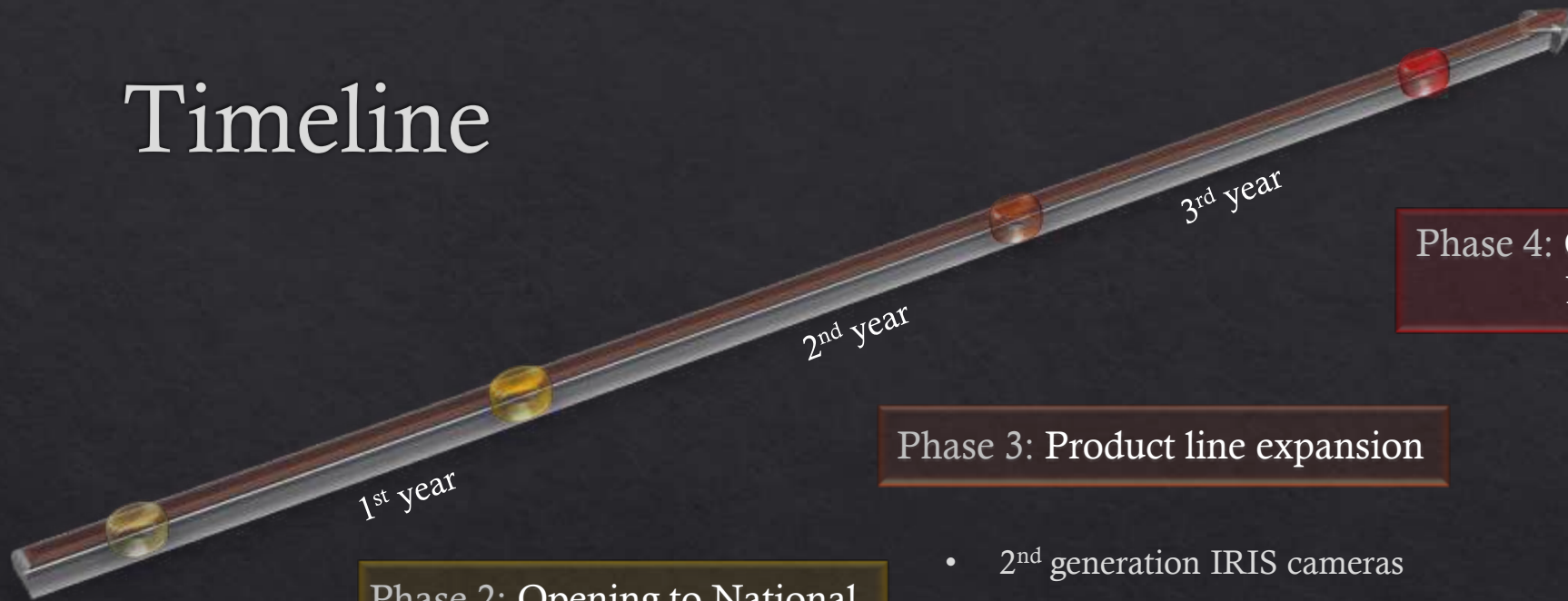
Teresa Cacace, CSO

2+ years experience with Photonics and Electro-Optics devices
She works on the development of Innovative Infrared Imaging Systems

Revenue model



Timeline



Phase 1: Production Start

- Final prototyping
- 1st generation IRIS cameras
- European certification



Phase 2: Opening to National Markets

Phase 3: Product line expansion

- 2nd generation IRIS cameras (smaller, cheaper,...)
- IRIS Holocams prototyping
- 1st generation IRIS Holocams

Phase 4: Opening to International Markets

