


IR imaging for Security and Surveillance

Angela Eckstein / asphericon GmbH

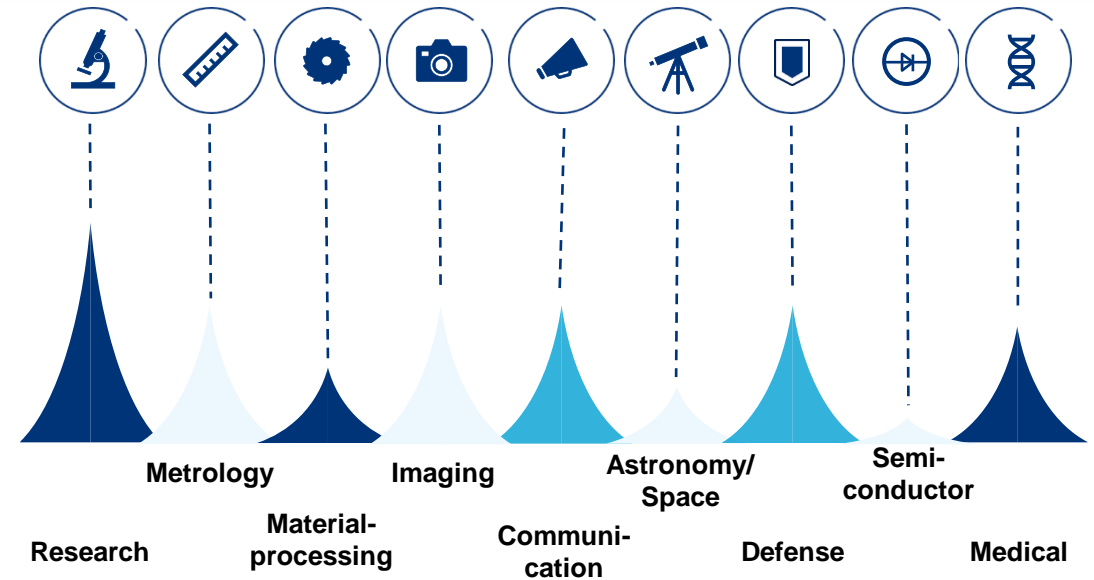


A photograph of two people climbing a rocky mountain peak at sunset. The person on the right is in the foreground, leaning forward and holding the hand of the person on the left. The person on the left is sitting on the rock, looking towards the right. The sun is low on the horizon, creating a bright glow and lens flare. The sky is a mix of orange and blue. The rocks are dark and jagged.

**Visionen leben – Bringing visions to life.
With this mission, asphericon is always
pushing boundaries of what is possible
and establishing new milestones in the
world of photonics.**

Key figures

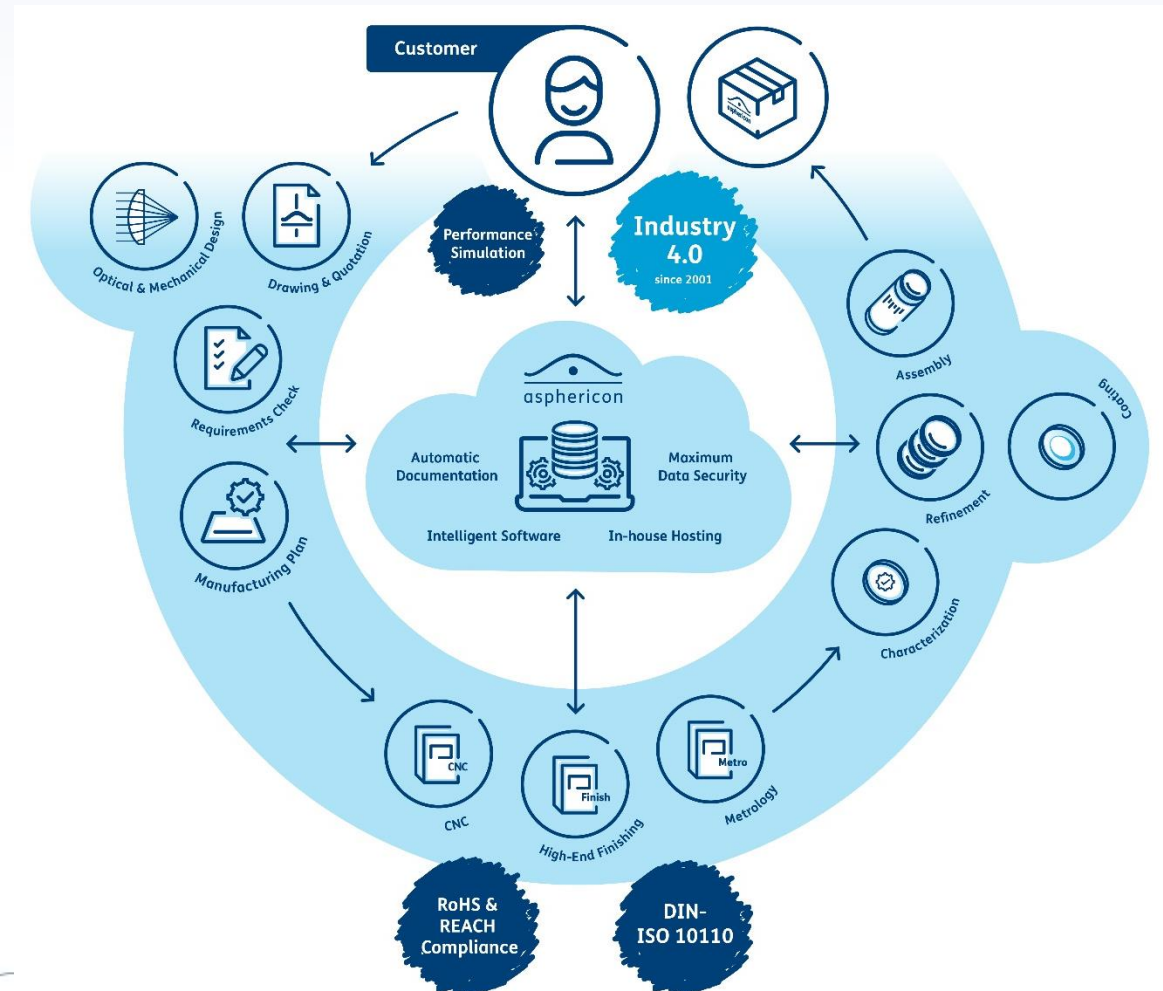
Overview // Customers by industry



Fully digitized process landscape

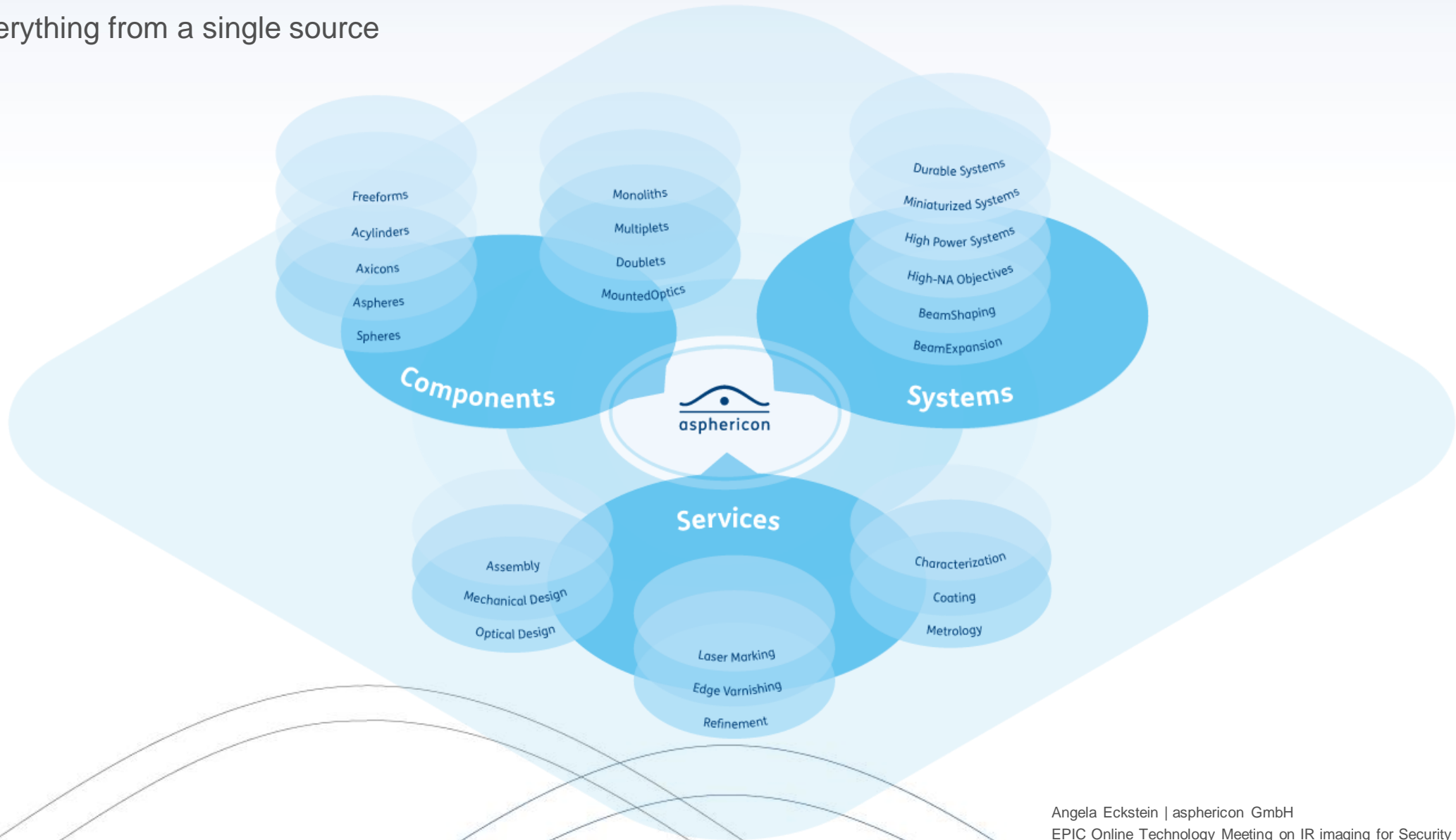
For efficient manufacturing & maximum data security

- = asphericon has been using & defining Industry 4.0 for nearly 20 years
- = 100% self-developed, patented and regularly updated system, no external impact
- = Inhouse hosting & monitoring, redundant systems & reliability for maximum data security



From Components to Systems and Services

Everything from a single source

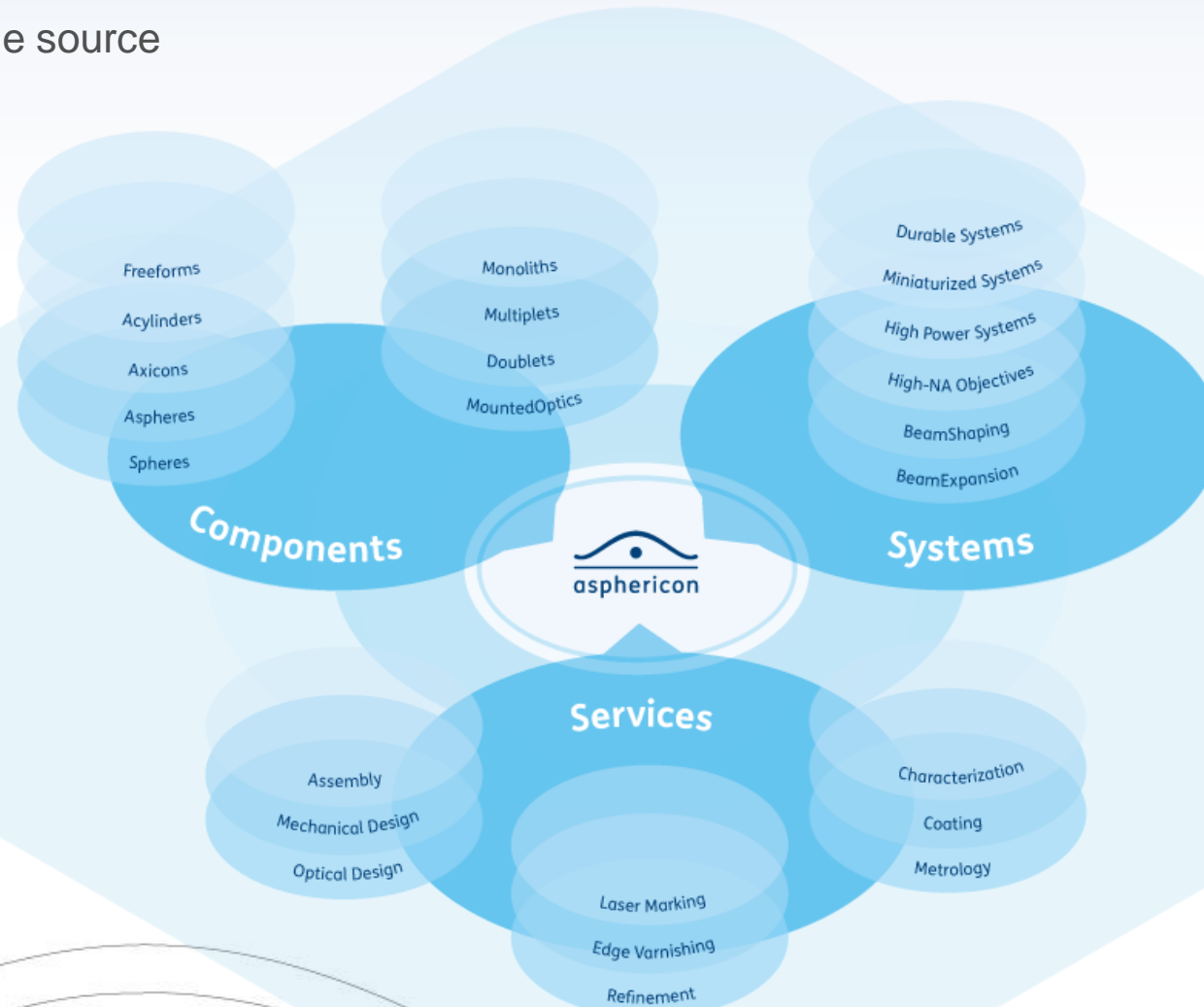


From Components to Systems and Services

Everything from a single source

IR-Optics

- IR Glasses, Si, IG6, Ge, ZnS, CaF2
- Dia: 1-420 mm
- Highest precision



From Components to Systems and Services

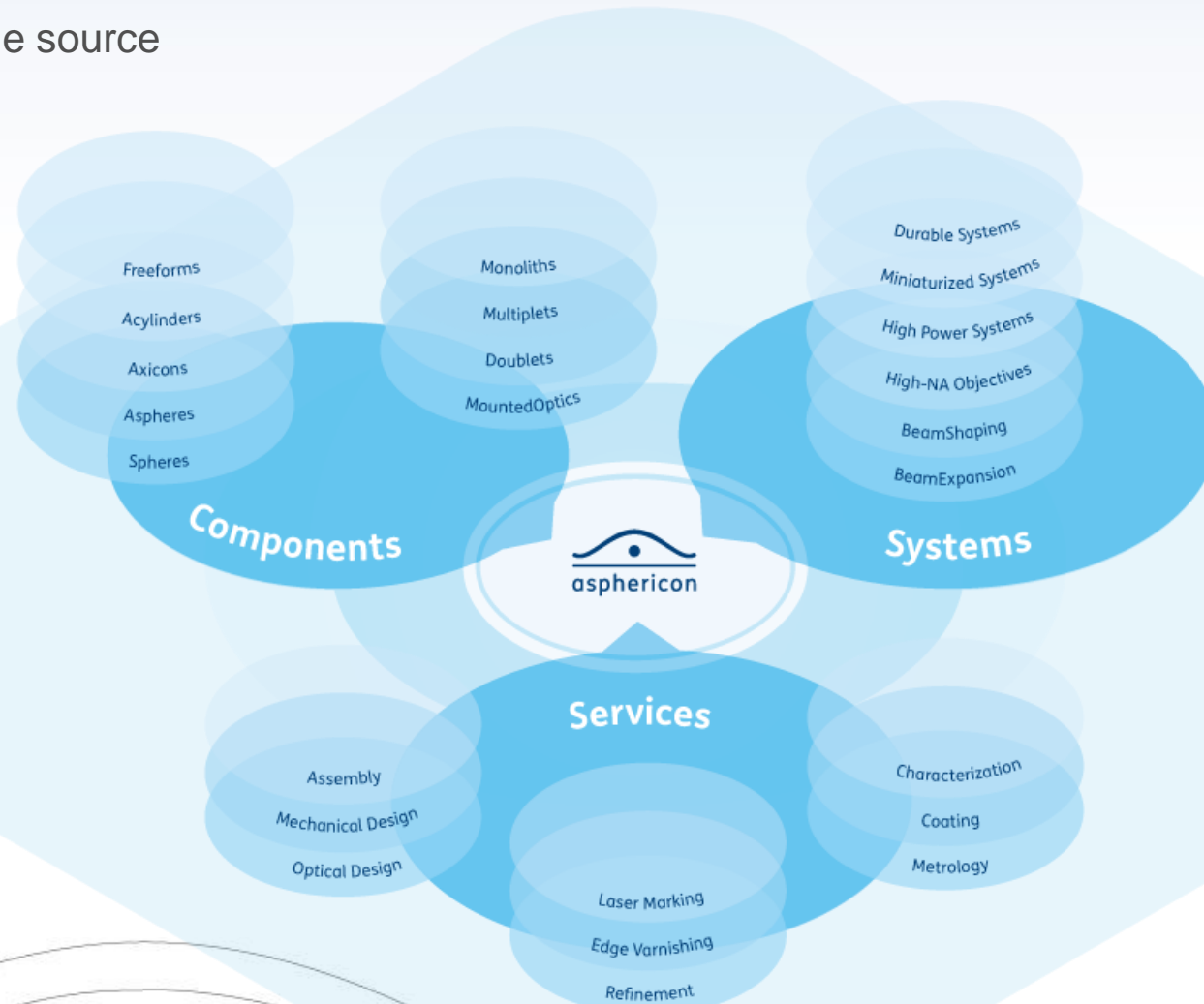
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Optical Design

- System miniaturization (size, weight)



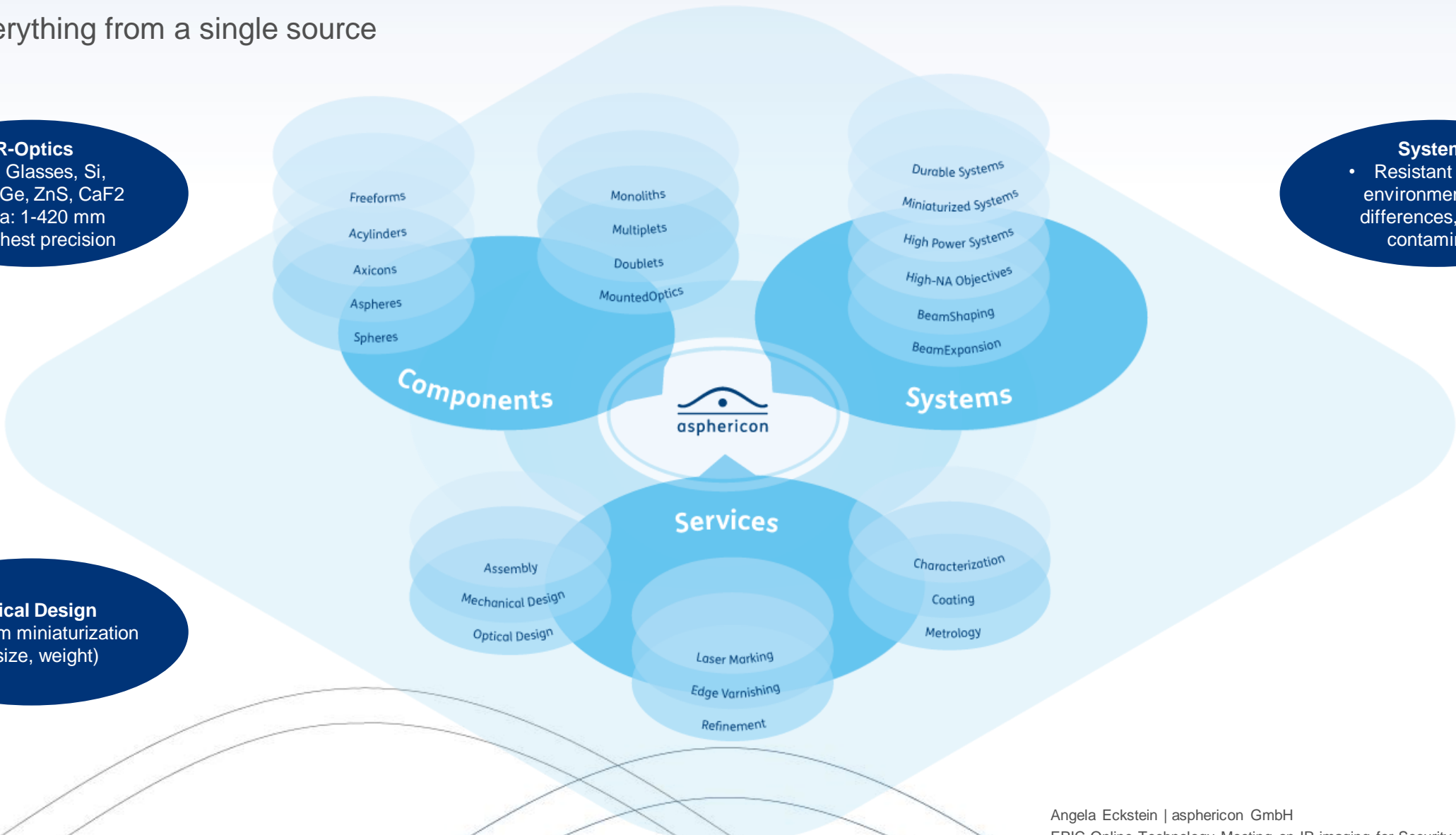
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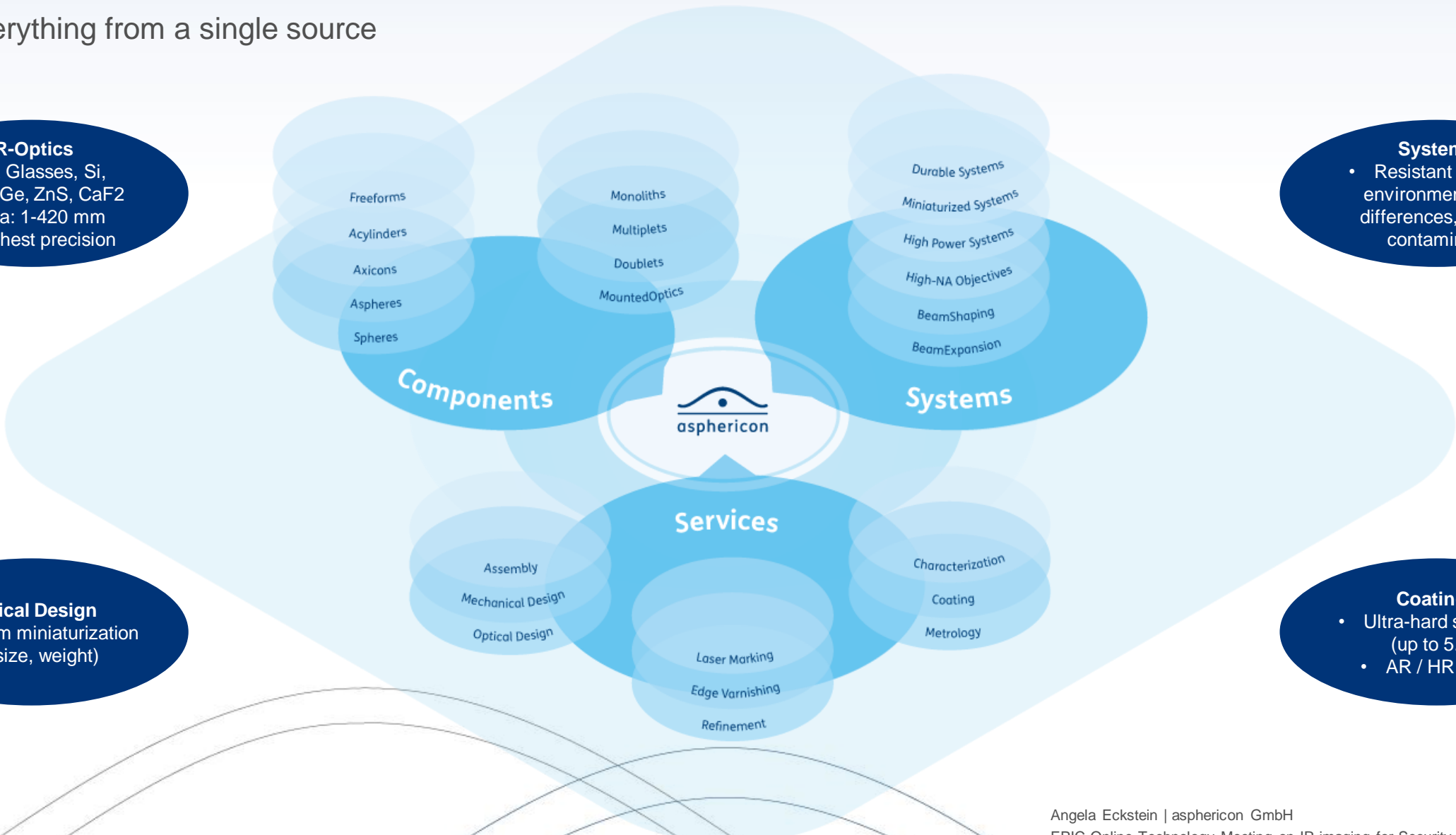
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- Coatings**
- Ultra-hard sputtering (up to 5.1 μm)
 - AR / HR / Filter



Angela Eckstein

Sales & Project Management

asphericon GmbH

Stockholmer Str. 9 | 07747 Jena | Germany

 +49 3641 3100 500

 a.eckstein@asphericon.com

www.asphericon.com

