Mission Statement

• A supplier of leading-edge infrared solutions
• Leveraging a strong knowledge of technology
• To provide affordable innovations
• Driven by applications and markets
• Combined with flexibility and support towards our customers to answer to your specific infrared needs
Company History & Update

- Independent supplier of infrared cameras and detectors
- Europe’s leading supplier of SWIR InGaAs imaging detectors
- Founded October 16th, 2000
- Spin-off of IMEC

- Profitable since 2004
- Number of personnel worldwide 62
- Headquarters in Leuven, Belgium
  www.xenics.com

- Addressing industrial, surveillance, security and space market segments
Core Competences

- Detector technology
- ROIC design
- Image enhancement
- Radiometry
- Electronics
- Mechanics
- User software
- Embedded software
Vertically Integrated SWIR offering

- SWIR cameras, sensors and detectors products
  - Linescan (1D)
  - Areascan (2D)
- Design expertise:
  - RoIC (1D and 2D)
  - InGaAs
  - Cores
  - Cameras
  - Software and SDK

Vertically integrated manufacturing

- Fully independent production of InGaAs sensors, cores and full cameras
- 3 levels of customisation to meet your application needs
- Continued R&D to produce breakthrough sensors & cameras

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Expérience in WaveFront Sensing for adaptative optic

Observation in H-band (1500 nm) of star Fomalhaut with Xenics Cougar SWIR camera as scientific imaging camera. Picture left uncorrected, picture right corrected with AO. (Credit: Dr. Ren Deqing from California State University Northridge)

Traditional adaptive optics components and configuration. Adapted from C. Max, Center for Adaptive Optics [Boston]
Xenics in Hydron

• Xenics can offer 640x512 SWIR camera for wavefront sensing:
  - High speed: 200Hz, 800Hz, 1700Hz full frame
  - Low noise
  - With region of interest to increase the speed

• Xenics interest in HYDRON:
  - To develop the right WFS product for free-space communication
THANK YOU!