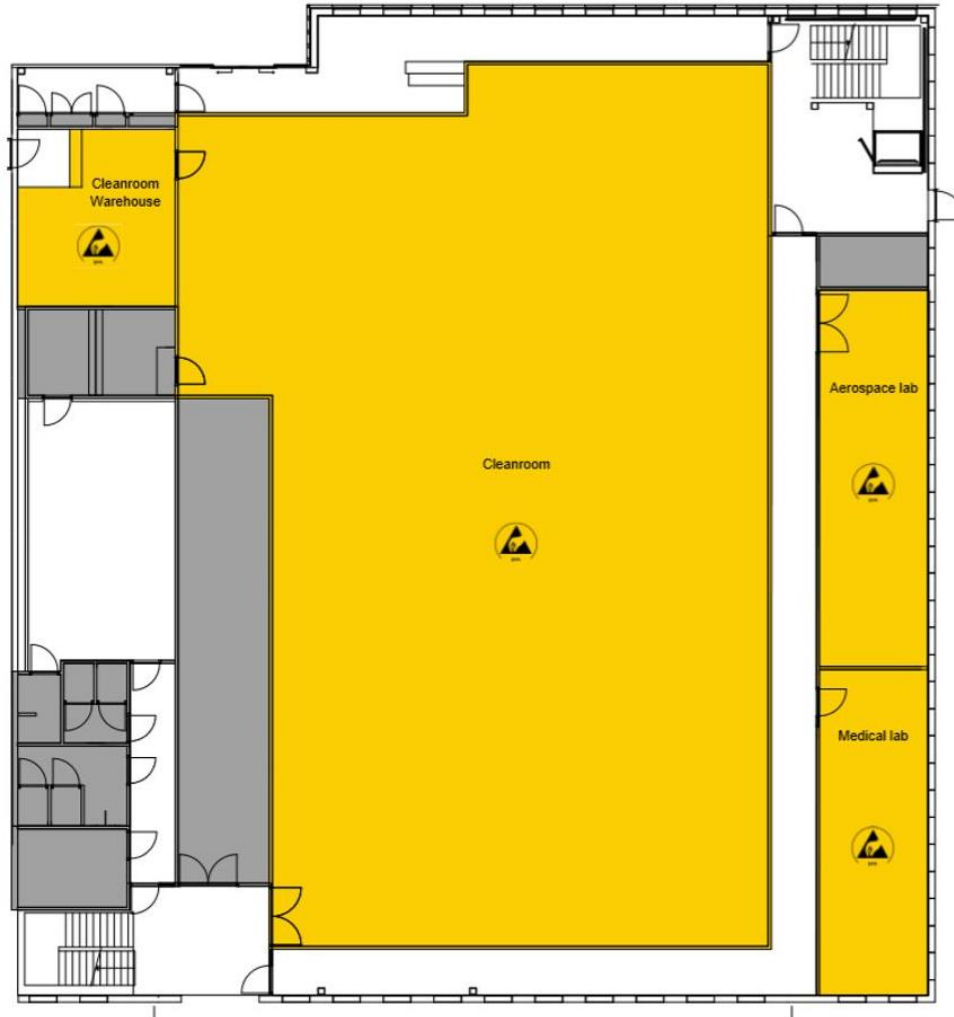





PhotonFirst

Cleanroom impressions (confidential)

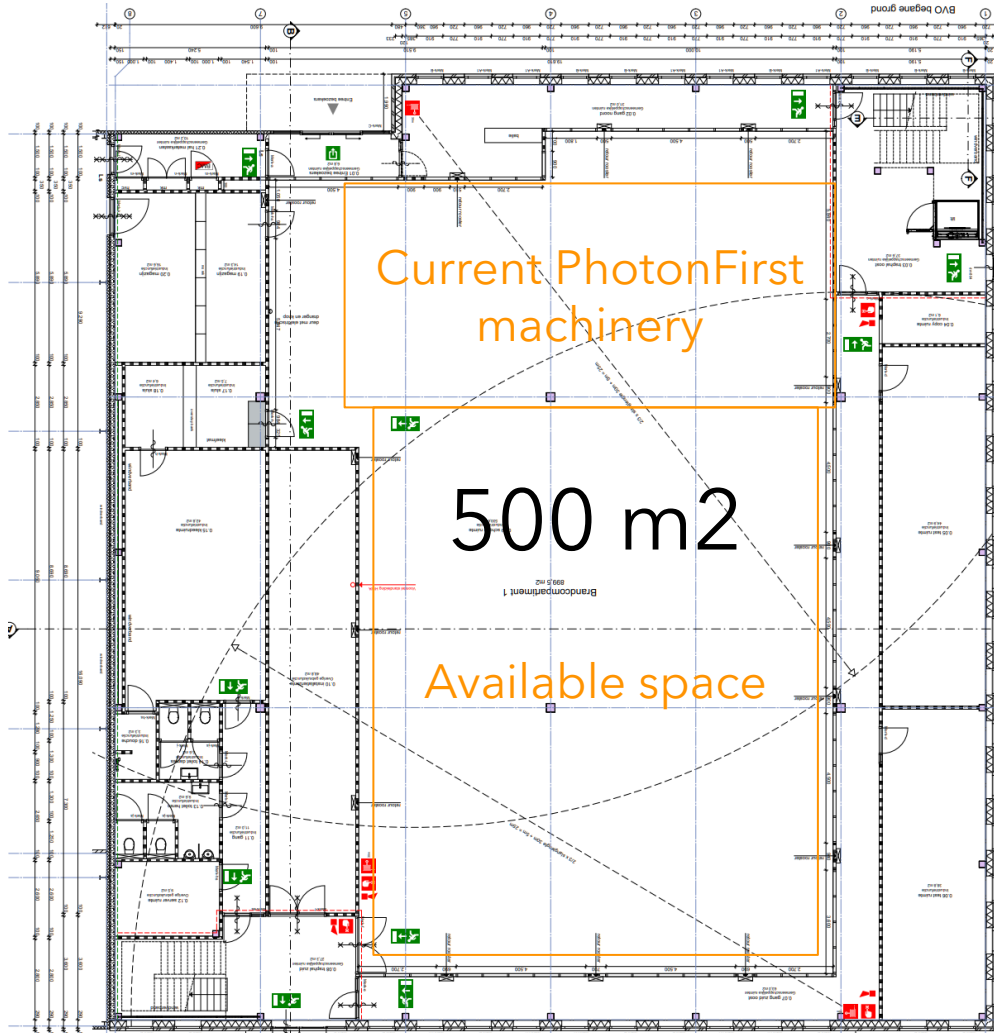
January 10, 2023

Overview – ISO class 8 500m2 Cleanroom & EPA with dedicated warehouse and airlock



ESD Area Identification	  		
Category	EPA PhotonFirst Cleanroom Class 0	EPA PhotonFirst Medical lab R&D Class 0	EPA PhotonFirst Aerospace lab R&D Class 0
Human Body Model	Class 0A 125 volts	Class 0A 125 volts	Class 0A 125 volts
Charged Device Model	Class C1	Class C1	Class C1
Machine Model	Class M1	Class M1	Class M1
Class based on ESD thresholds	Package & GTR & OHDS	Package & GTR & OHDS	Package & GTR & OHDS
Actual assigned ESD control regime	Package & GTR & OHDS	Package & GTR & OHDS	Package & GTR & OHDS
ESD Safe Automated Handling Equipment AHE	V	V	V
ESD tooling & equipment	V	V	V
ESD Grounding point for assembly or sub-assembly	TBD	TBD	TBD
ESD ground conductors	V	V	V
ESD surface mats	V	V	V
ESD personal protective equipment - Polo, wrist strap, shoes	V	V	V
ESD chair	V	V	V
ESD flooring	Floor	Mat	Mat

Overview



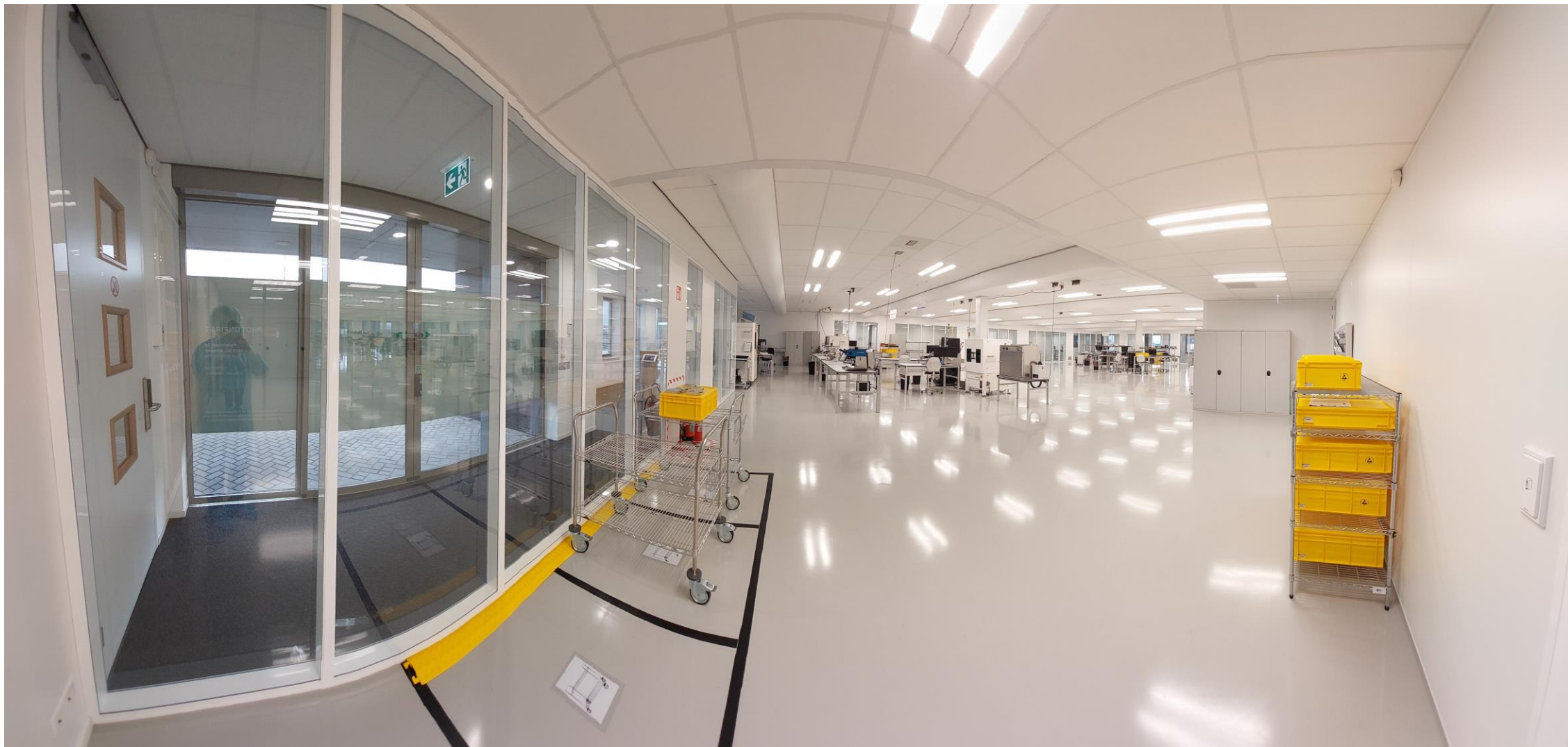
Overview



Overview



Overview



Overview



Airlock



Facilities

