Moduleline – Line Overview



- High automation degree
- Product variants: 2 (scalable for up to 26 cells per module)
- Prismatic cells
- Cycle time: 60 s
- Output per year: 300.000
- 12 Robots, 1 EOL
- Area: 1.000 m²

Moduleline – Frontend



Supply cells incl. BOL

Cell preparation (plasma cleaning, tape application)

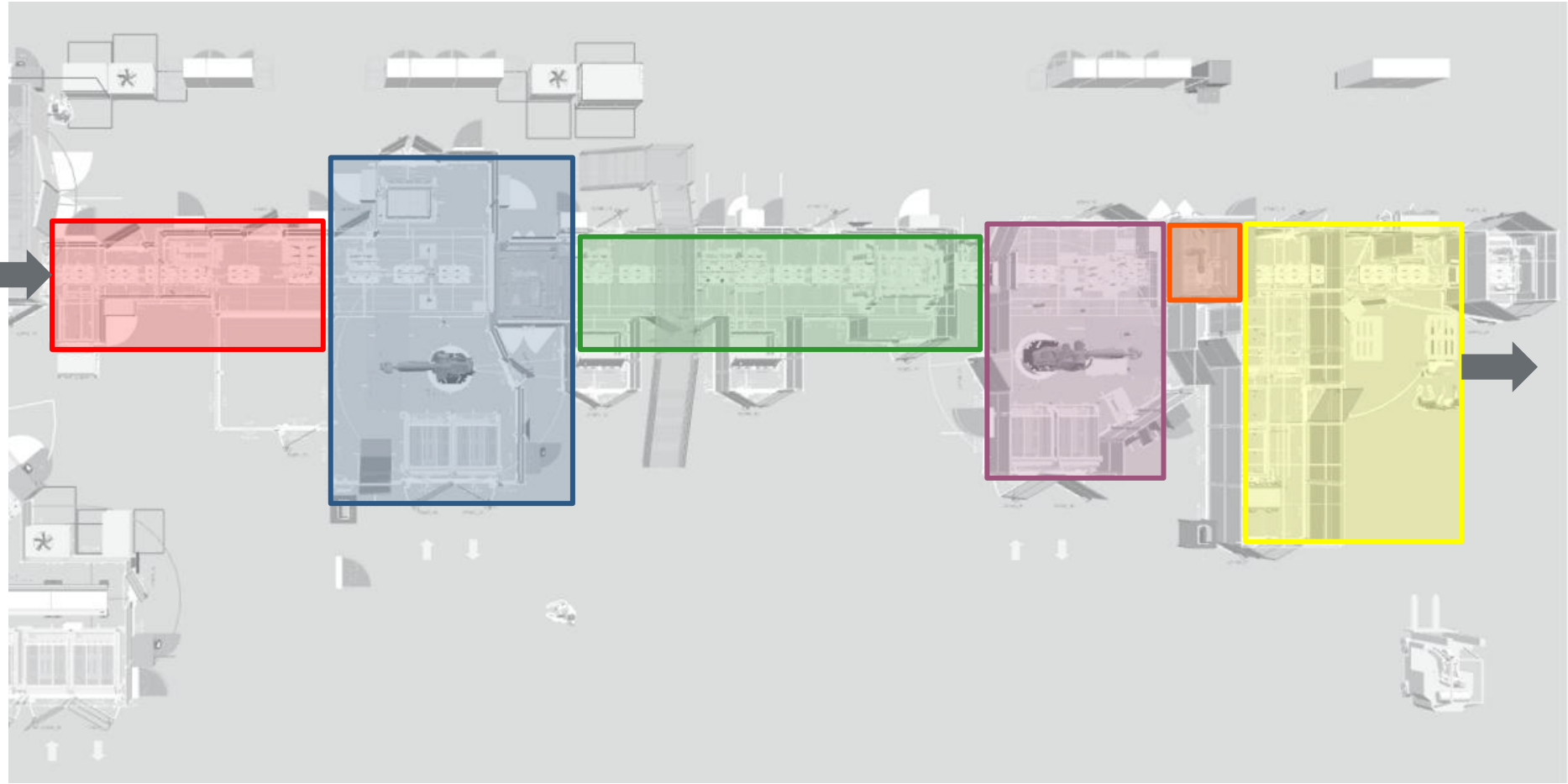
End plate preparation (laser welding inserts)

Side plate preparation (tape application, plasma activation)

Cell stacking

Laser welding „raw module“ + polarity check

Moduleline – Backend



Isolation test and turning station

Cell contacting system assembly and laser welding

End of line and geometrical test

Cover assembly and hot staking

Laser marking DMC

Packaging incl. buffer

Confidential