

AMTC STARTUP-NIGHT

**nebumind – a software to go from
prototyping to industrialisation faster**



Why is SpaceX so successful?

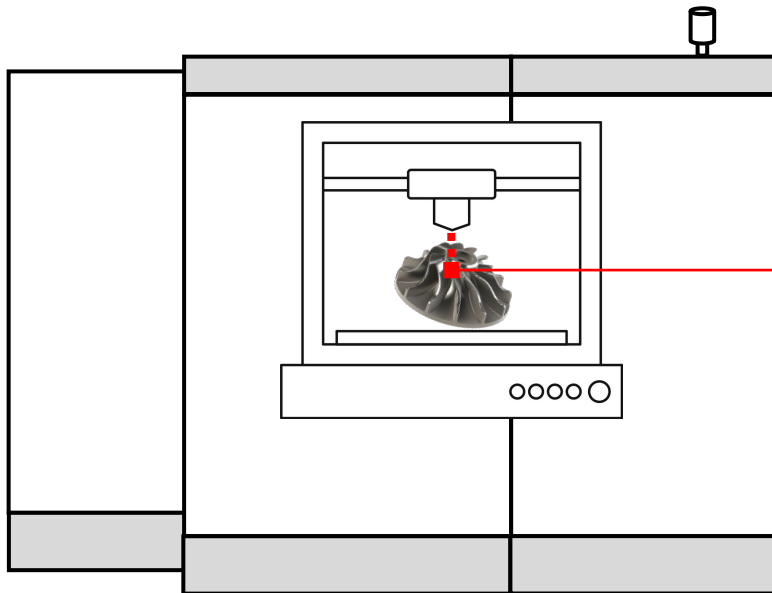


Data was key to build up production knowhow quickly.

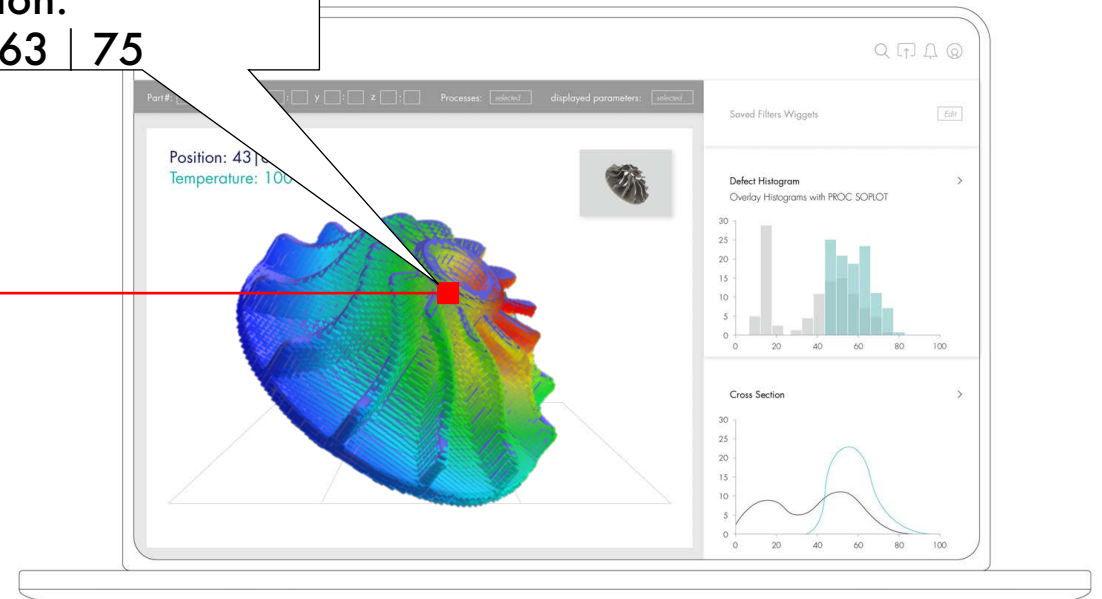
Translating this data approach into AM

AM process

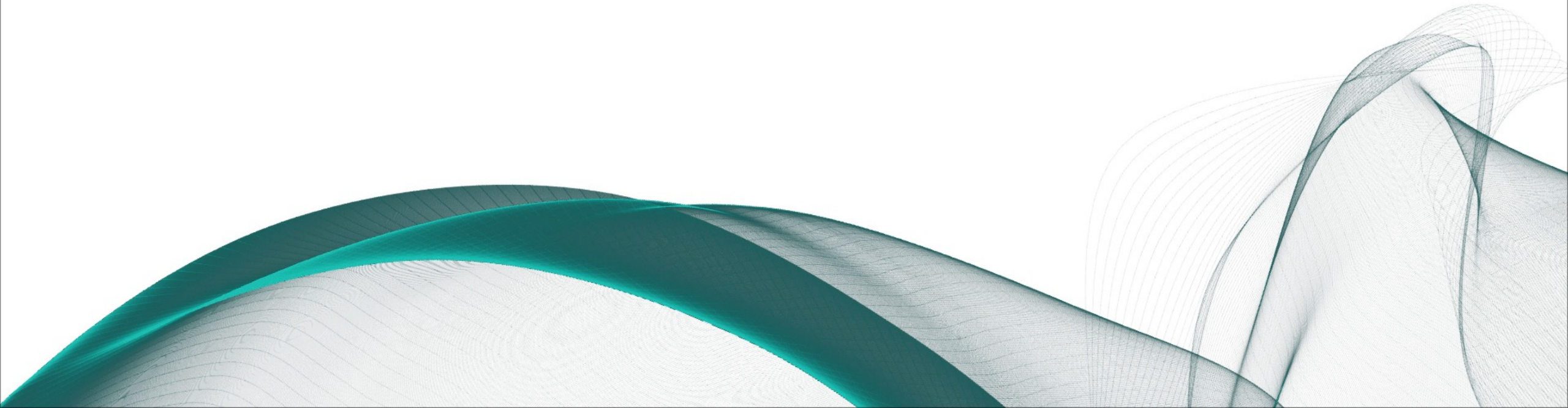
nebumind's digital twin software



laser power: 954 W
speed: 660 °C
location:
43 | 63 | 75

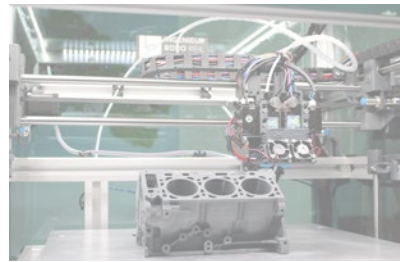
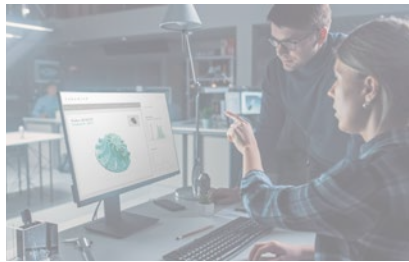


n e b u m i n d



Applying the software throughout the production

n e b u m i n d



Improve design
based on
production data

Shorten
prototyping
and
implementation

Monitor
manufacturing
quality online

Facilitate
quality
assessments

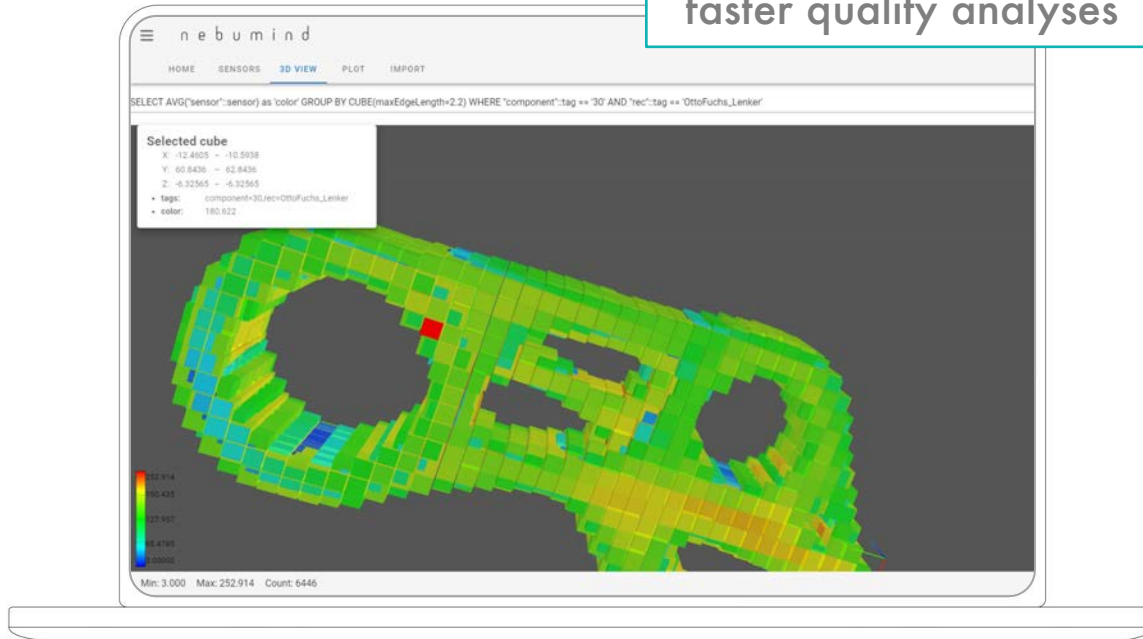
Automate
reporting and
optimize recalls

Use Case in the AM industry

nebumind



80%
faster quality analyses



From visual to automated **quality control**

40%
less quality checks



From fixed to self-learning **defect detection**

Additive manufacturing



Other processes

milling, welding, bonding, riveting,
winding, CT, US



Thank you for your attention & visit us at our booth!

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