Digital assistant shines with coatings expertise

Gaetano Blanda, Oliver Kröhl | June 27, 2019, Düsseldorf
Challenges in the coatings industry

- More complexity
- Increasing legislation
- Shorter product lifecycles
- Demand for innovation
Evonik’s answer: COATINO™
COATINO™
A voice-controlled, digital assistant for the coatings industry
COATINO™ – an advanced solution for customers

- Understands professional terminology
- Replaces tedious searches
- Uses the latest know-how
- Easy access - anytime, anywhere
Formulating a coating is complex

300+ different coating additives produced by Evonik

40 effects can be elicited using these additives
... and very time consuming!

No single source of truth – but enormous complexity

Sample calculation

10 solvents x 10 binders x 10 pigments x 10 additives = 10,000 possible combinations*

Manually: > 10 years
High Throughput Equipment (HTE): < 6 months**

* Changes in mixing ratios are not taken into account. Therefore many more combinations would be tested under real conditions.
** Standard samples
COATINO™

live demo
COATINO™ – is a powerful companion for lab workers

COATINO™:
- Understands natural language and technical terms
- Gives direct access to our know-know
- Provides clear recommendations instead of unranked lists
- Cutting-edge data quality available overnight
- Is being developed under European law and ensures data security via latest cloud solutions
The next steps…

- “Early access” program
- Joint development and pre-testing with customers
- Official launch in 2020
- Continuous development in 2021 and beyond