

# Quality Control for Conductive Coatings in Architecture, Automotive, Smart and Solar Glass Applications Across the Value Chain

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## Abstract

Excelling in today's glass coating industry means providing cost-efficient high quality coatings at all times. More and more functions and requirements are integrated into glass resulting in complex layer stacks. As result the glass passes through many processes. Stacks become more advanced and also post structuring effects such bird-friendly or mobile-friendly functions or antenna printing add to the complexity of the process chain.

This talk presents challenges and benefits potentials by when using of inline electrical metrology solutions for quality assurance and process control across the value chain in architecture, automotive, smart and solar glass industry. It also shares insights on state-of-the-art achievements in process control. It elaborates in detail on non-contact eddy current measurement technology and suggests closed-loop control to consider the interdependencies of electrical properties for subsequent processes.