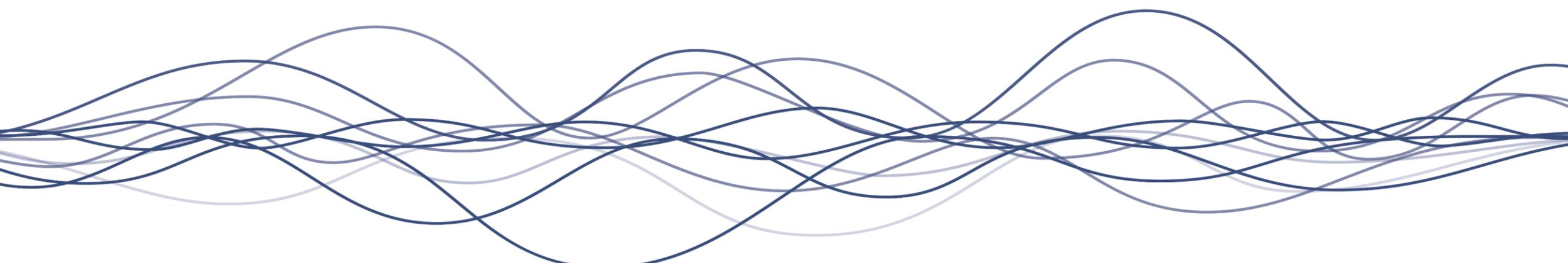




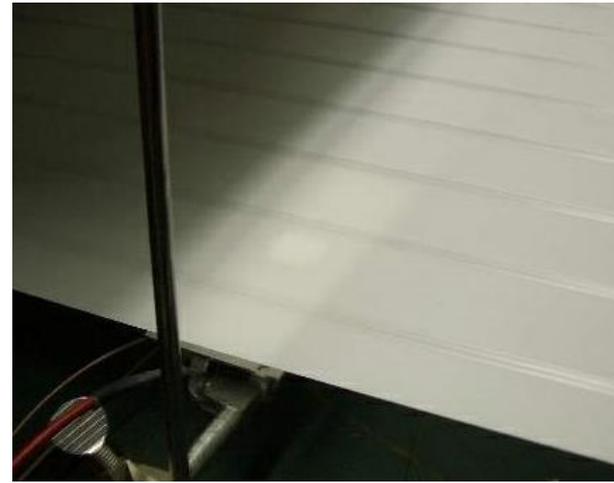
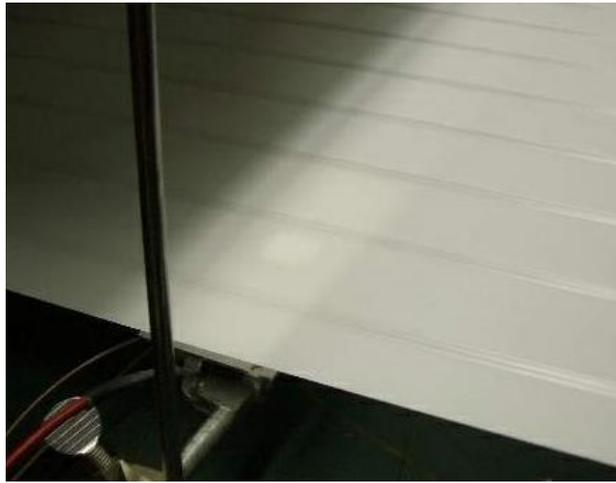
# How to Visualize the Position and Amount of „Invisible“ Glue on LIP-Paper

An Inline-Solution



Moisture & Density Measurement

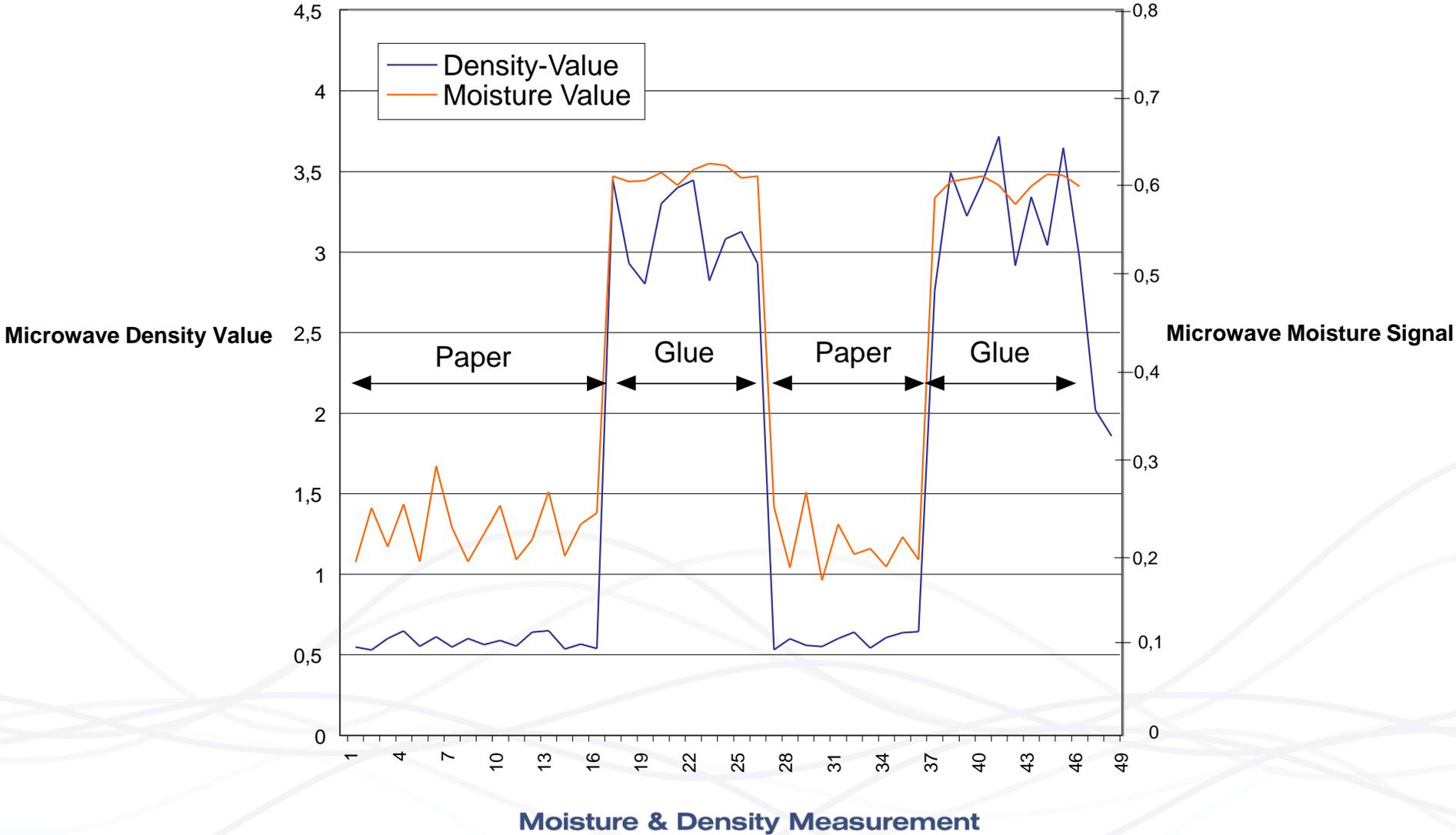
## Do You See any Difference?



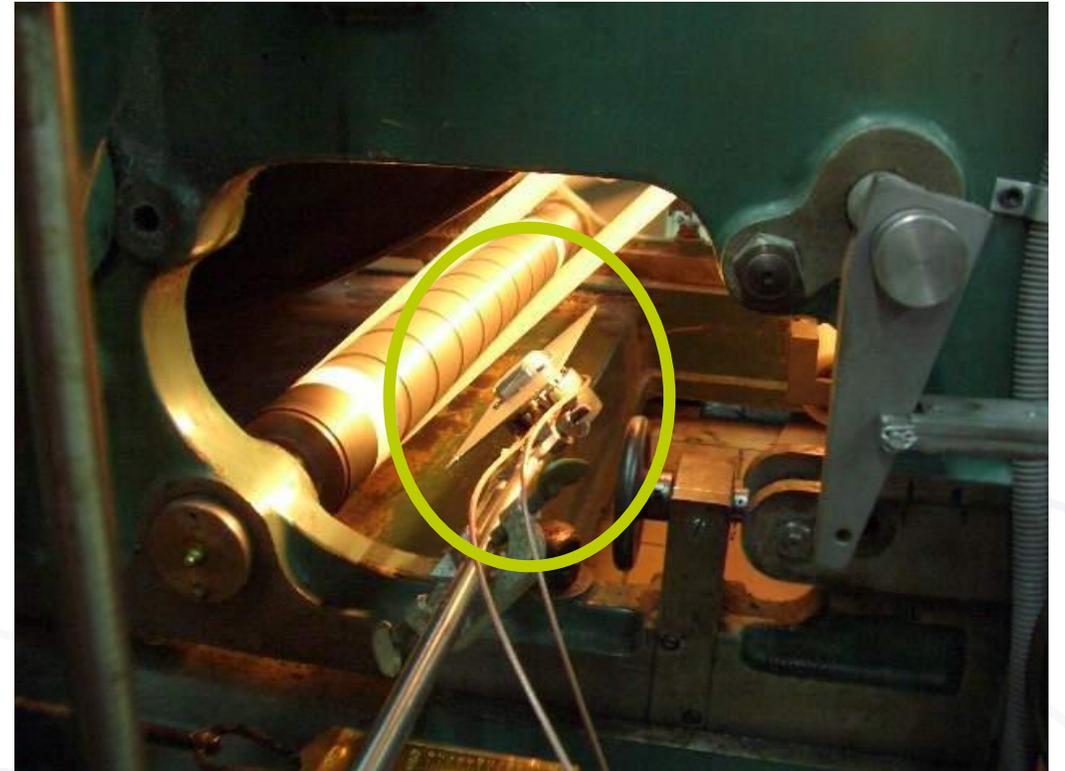
We cannot see it either...  
...but we can **measure** it.

**And that is crucial to assure high quality!**

# High-Resolution Online-Results



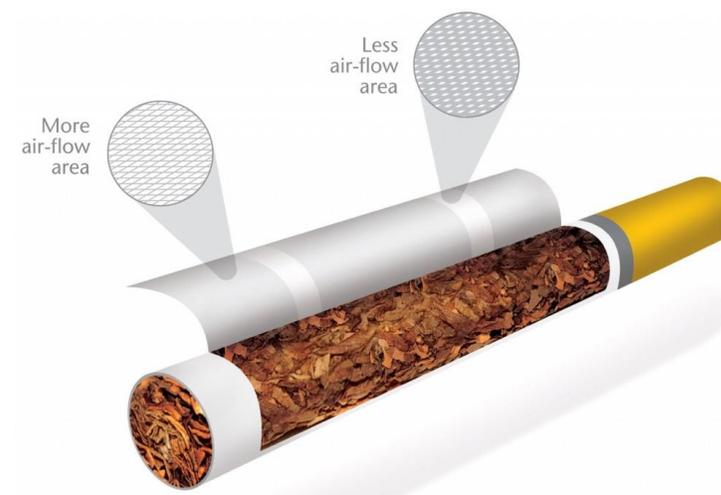
# Sensors are Integrated into Production Process



**Moisture & Density Measurement**

# What parameters can TEWS measure and control?

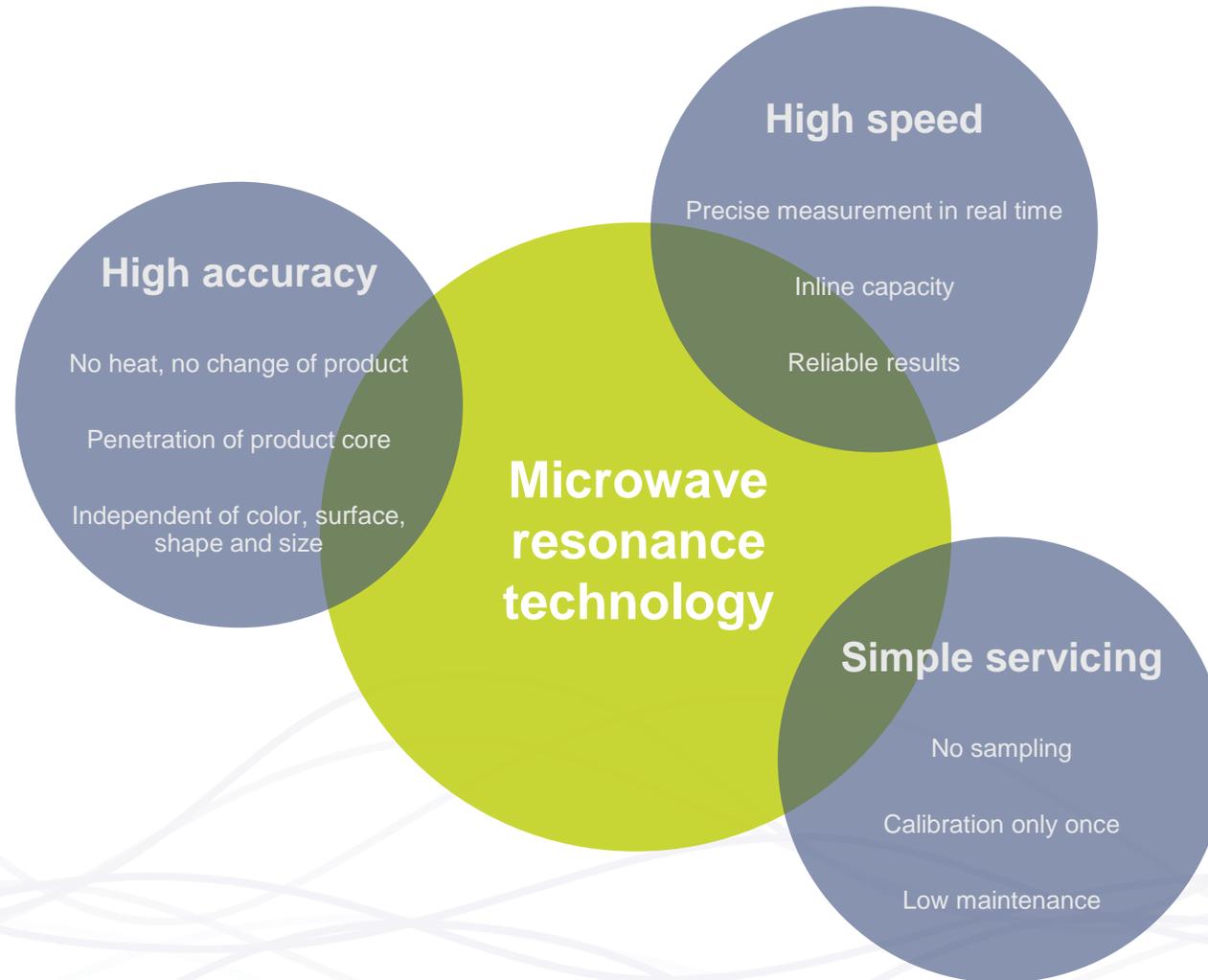
- ✓ The **moisture content** of the LIP stripes
- ✓ The **moisture content** of the paper
- ✓ **The mass** of the LIP Stripes
- ✓ **The distance** between the stripes and the width of the LIP stripes
- ✓ **A detection** of missing stripes



# Unique Measurement Technology

- **Patented** microwave measurement technology
- **Special patent** for LIP
- **Measurement of moisture and density**
- High measurement rate of up to **40,000 measurements** per second

# Unique Measurement Technology



**Moisture & Density Measurement**

# About us: measurably better – made in Germany

- **50 Years** of Industry **Experience**
- **> 50 Employees** in R&D, Production, Service & Sales in the HQ in Hamburg
- **Worldwide Sales & Service** - Subsidiary in the U.S.A. and Service Center in Hong Kong
- **> 6,000 Installations** Worldwide
- **Market Leader** in High-Performance Moisture and Density Measurement Solutions for Different Industries:



**Chemistry**



**Feed**



**Food**



**OEM Solutions**



**Pharma**



**Tobacco**



**Paper**

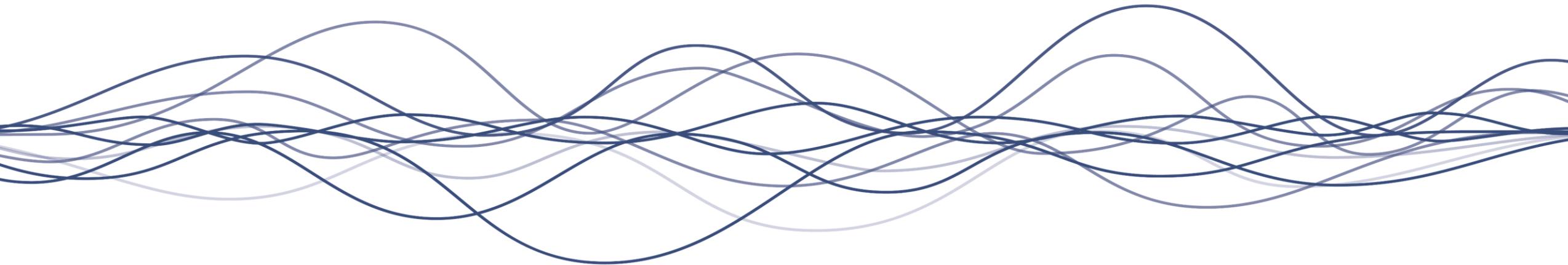


**For any questions, please contact me**



**Jürgen Peter Bäuml**  
Global Key Account Manager Paper & Packaging  
[juergen.baeuml@tewsworks.com](mailto:juergen.baeuml@tewsworks.com)

**TEWS**  
MEASURABLY BETTER



**Moisture & Density Measurement**