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Connected Equipment Summit

# eProbe Support secureWISE User Testimonial

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#### Agenda

- 1. About eProbe
- 2. Equipment support challenges
- 3. <u>secureWISE. Game Changer</u>
- 4. Remote Tool Operation and Simultaneous RTO Sessions

#### **About eProbe**

#### **Application**

 Contactless e-beam measurement system that can detect electrically relevant defects buried inside of 3D structures at a rate of hundreds of millions of DUTs per hour. Fast enough to be used inline during middle of line semiconductor manufacturing

#### My perspective

- User testimonial on using secureWISE to access the tool at customer site
- Software and machine control support



#### **Equipment Support Challenges**

**Application** 

HW Support

Systems

Software

Any Issue Alert



- Getting access to diagnostic tools in timely manner (Log files)
  - Wait for logs to be transferred vs. immediate access
- View screenshots and UI at real time
  - View UI while issue present can pinpoint to root cause quickly
- Gather expertise
  - Fly in FSE. Gets you limited expertise
    vs. placing multiple R&D experts directly on the tool

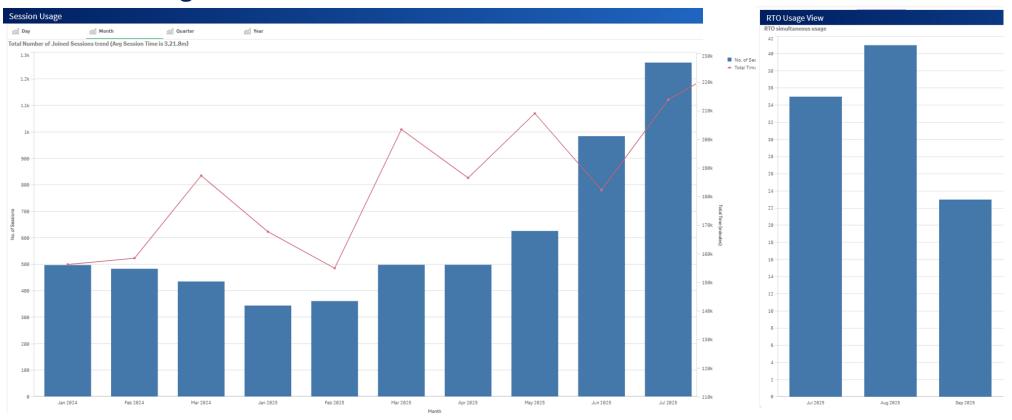
#### secureWISE. Game Changer

- Introduced to secureWISE in 2021 during the Covid pandemic
  - Installing and supporting eProbe at customer site
  - Customer had the motivation for remote access
  - We do support customer with and without secureWISE access
  - (Related to Software team, issues and software updates)
    - Customers with secureWISE access
      - We can count on one hand support visits during the last 4 years.
    - Customer without secureWISE access
      - Close to 20 visits during the last 2 years
      - Each visit is between 1 to 2 weeks (SW updates, issue debug, stay onsite to monitor)
      - Tool are down for longer time

#### Remote Tool Operation and Simultaneous RTO Sessions

Session Usage: i.e. how many times PDF users logged into a tool and for how long.

**RTO Simultaneous Use** 



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