

# REMOTE LAB ACCESS (RLA)

## Allianz Center for Technology (AZT)

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**AZT has developed the “Remote Lab Access (RLA)” service to provide a common live view on laboratory works by means of state of the art communication tools. RLA allows in the course of a root cause analysis for all parties involved to join and witness the lab investigations.**

### ENABLING HIGH FLEXIBILITY BY REMOTE LAB ACCESS

Laboratory investigations are an important step of root cause analyses. In some cases it is important for various parties to directly participate or witness the investigation steps in the lab. The RLA service enables to join a damage investigation in the AZT

laboratory in Zorneding live via a web meeting. Connection to web meeting is possible via web browser and computer audio or phone dial-in. The RLA service can be used for the following investigation steps:

- Visual assessment of damaged components (see fig. 1) (e.g. during incoming inspection, photographic documentation, non-destructive testing, ...)
- Discussions of necessary cutting works
- 3D-scan of investigated components (see fig. 2)
- Analysis of fracture surfaces in the scanning electron microscope (see fig. 3)
- Analysis of microsections in the optical microscope
- Presentation and discussion of results



Fig. 1: Incoming inspection



Fig. 2: 3D scan of investigated component



a)



b)

Fig.3: Analysis in the scanning electron microscope a) and transmitted via web meeting to the engineer/client b)

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#### YOUR BENEFITS

- ✓ Easy and flexible remote access to laboratory investigations via web meeting
- ✓ Saving of travel cost and time to witness laboratory investigations
- ✓ Better inside view and understanding of results from laboratory investigation
- ✓ Facilitating review of different experts
- ✓ Easy witnessing



#### ENGINEERING HOTLINE OF AZT

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