SESSION 7  
THURSDAY, AUGUST 29 | 10:30 AM - 12:00 PM

7D – Quality Systems and Management |  
Management of Test and Measurement Equipment in line with *ISO 10012*: In Large Organization e.g. German Armed Forces, with the Perception to Ensure Calibration According to *ISO 17025:2017* (in house/external)  
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**Abstract:**  
Derived from the calibration training provided by US Air Force up to the late eighties, German Armed Forces developed an own calibration organization, to provide calibration services for most of the test and measurement equipment and for all branches. As test and measurement equipment must be recorded and registered before coming into service, the program office for test and measurement/calibration has to be involved in the procurement of any product. The metrological confirmation according to *ISO 10012* ensures, that the test equipment selected meets the requirements for the measurement or test needed. The metrological confirmation is also used for the procurement of test and measurement equipment and is the baseline for the calibration of the item. The presentation will show the concept of procurement of test and measurement equipment and discuss solving problems that arose in getting the items into service.

**Learning Objectives:**  
1. Before procurement of any test and measurement equipment, ensure that you have set up and recorded the specific test points to be measured.  
2. Ensure that the test and measurement equipment procured meets your statement of requirements (metrological confirmation ISO 10012).  
3. Use the metrological confirmation as the baseline for setting up your calibration specifications.

**Instructor Curriculum Vitae (CV):**  
Since 2013, Gerhard has been the program/project manager for test and measurement equipment at Bundeswehr.