



SummitCAL solutions team

Applied solutions. Real results.

The SummitCAL solutions team is a professional services group within ASD dedicated to creating materials measurement solutions for our customers. With a broad range of applications expertise, SummitCAL works with our customers to create customized models and instrument calibrations for their unique analytical requirements.

Transforming complex data into actionable information

SummitCAL performs feasibility studies for those who want to know about the applicability and performance of ASD's solution for specific applications. The team also offers calibration development and updates, training, and consulting.



SUMMITCAL

Benefits of working with SummitCAL

- A complete, customized measurement solution when paired with an ASD instrument
- More accurate materials information from optimized calibration models
- Improved process efficiency through real-time information
- Access to technical expertise without costly overhead

SummitCAL services

Application Feasibility Studies

Using application-specific materials, SummitCAL can determine the likelihood that a future calibration will successfully correlate ASD spectral measurements with a desired product characteristic.

Calibration Modeling

SummitCAL performs advanced multivariate calibration modeling, transforming complex sample spectral data into actionable process information. Example models include mineral identification and quantification and moisture and protein content measurement in barley.

Calibration Model Updates

Model updates ensure continued accurate performance of existing calibration models. Model updates are typically considered when changes occur in an industrial process or when the raw materials vary. Raw material variance can occur seasonally or strictly due to the nature of materials.

Mineral Spectra Interpretation Services

SummitCAL provides mineral interpretation services of spectra using the TerraSpec® Halo mineral identifier algorithm. Using customer provided spectra, mineral results (and scalars) are easily determined and ready to be imported into modeling software.

Modeling Training

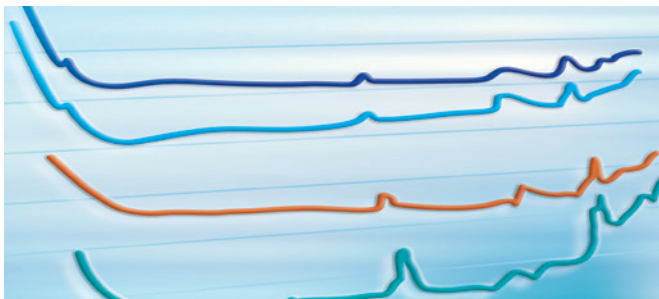
When exclusive attention from a SummitCAL expert is required, training can be conducted at ASD's training school or scheduled on-site. Training includes instruction and demonstration of basic operating features of an ASD spectrometer with emphasis on: qualitative and quantitative analysis, chemometric software and regression model building.

Consulting

SummitCAL consulting services include product training, software training, start-up assistance, model generation or evaluation, and assistance with site-specific spectral collection.

Work with SummitCAL to get the complete, customized analytical solution you require.

For more information, or to book a free consultation, visit www.asdi.com/summitcal-solutions-team



SUMMITCAL

Global and near



ASD Inc.,
a PANalytical company
2555 55th Street, Suite 100
Boulder, CO 80301
United States of America
T +1 (303) 444-6522
F +1 (303) 444-6825
NIR.info@panalytical.com
www.asdi.com

PANalytical B.V.
Lelyweg 1, 7602 EA Almelo
P.O. Box 13, 7600 AA Almelo
The Netherlands
T +31 (0) 546 534 444
F +31 (0) 546 534 598
info@panalytical.com
www.panalytical.com