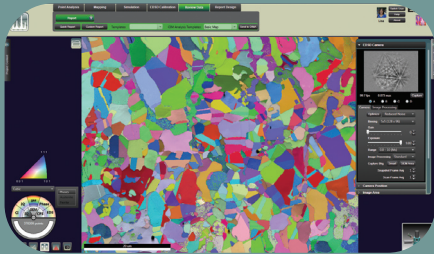
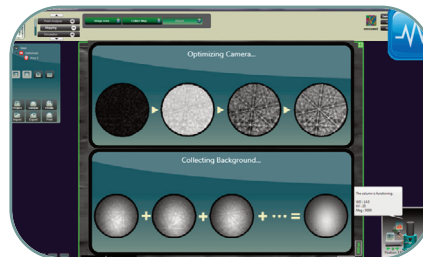


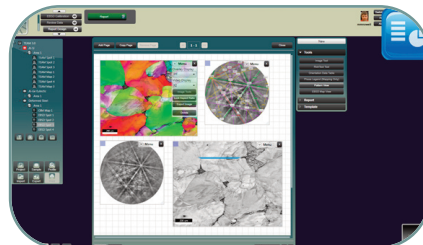
TEAM™ EBSD Analysis System



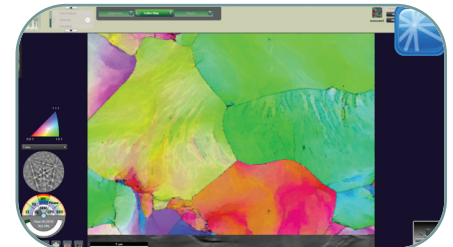
- Intuitive and easy to use TEAM™ software
- Smart Features guarantee optimized acquisition setup and data quality
- Dynamic live mapping allows for real time data analysis
- World-class triplet indexing routines for confidence in results



Startup



Reporting



Analysis

TEAM™ EBSD Analysis System combines the ease of use of the TEAM™ software platform with the analytical power of OIM™ to provide state of the art crystal structure characterization to all users. Features in TEAM™ software streamline camera setup and facilitate workflow, while optimizing data quality and helping EDAX users solve their characterization problems quickly and more efficiently.

Ease of Use

- Three click workflow from the start of analysis to the final report
- Smart Features to optimize system setup, data collection and analysis, and reporting
- User profiles with customizable preferences and settings
- Full access to and control of advanced level user settings

Smart Features

- Smart Camera - automatic optimization of EBSD camera settings
- Smart Background - intelligent background collection and processing
- Smart Indexing - accurate EBSD solutions through unique triplet indexing and confidence index values
- Smart Data Management - intuitive and flexible data management system keeps work sessions organized

Specifications

TEAM™ EBSD Software Suite

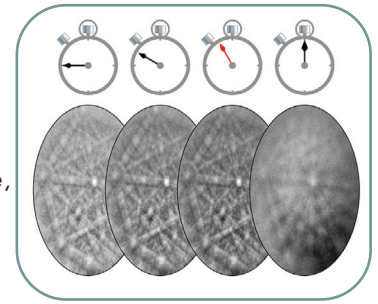
- Smart Camera
- Smart Background
- Smart Indexing
- Smart Data Management
- OIM Analysis™
- Triplet Indexing Algorithm
- Built-in Confidence Index

EBSD Cameras

- Compatible with Hikari™, DigiView™ and Velocity™ cameras
- Up to 4,500 indexed points per second at 99% indexing success
- Phosphor screens optimized for high speed/high sensitivity
- Operation down to 5 kV acceleration voltage
- Compatible with Octane Elect and Elite EDS Detectors for simultaneous EDS-EBSD collection

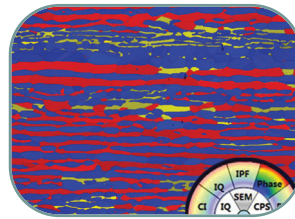
Time Machine

- EBSD data are time stamped, enabling users to recall any portion of the data after collection
- Ideal for samples where beam damage, contamination or drift might be an issue



Time Machine.

Dynamic Mapping



Combined SEM Detector and Phase Map.

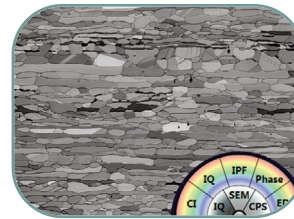
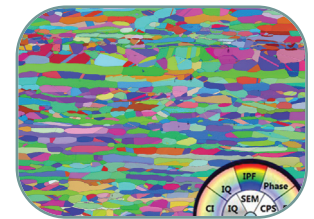


Image Quality Map.

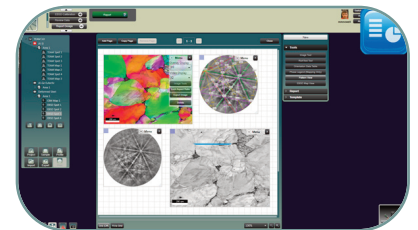


Combined EBSD Image Quality and IPF Orientation Map.

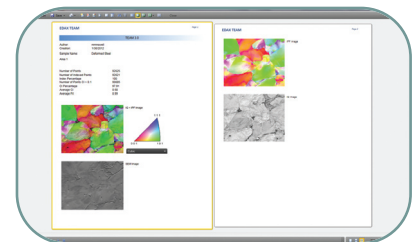
- See results live during data collection
- Select interactively from different maps including image quality, orientation, and SEM image
- Combine gray scale and color images to maximize information content

Reporting

- Organize and communicate results efficiently with TEAM™ Reporting in standard Microsoft Office suite documents and Adobe PDF
- Quick Reports allow the user to tailor report content and layout to specific analytical needs
- Direct access to OIM Analysis™ and application-specific and customizable analysis templates for advanced and interactive EBSD reports



EBSD Report.



Quick Report.

Conclusion

TEAM™ EBSD makes structural characterization easier than it has ever been by placing more solutions in the hands of users and proving that, once again, EDAX is the answer to challenging materials analysis needs.