

## WHITE PAPERS & APPLICATION NOTES



## Estimating Combined Galvo and Servo Motion Accuracy

To achieve global workpiece surface accuracy in motion control systems, the motion control architecture must be configured properly. For more advanced features, such as Infinite Field of View (IFOV), characterizing each element of the systemic errors can be very challenging. Complex systems have primary error contributors as well as secondary errors, which result from combining stages and galvanometers. This white paper details how to characterize the constituent error elements and suggests a means of predicting overall system errors for IFOV-enabled motion control platforms.

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