

# Precision Data Acquisition Systems Applications Seminar



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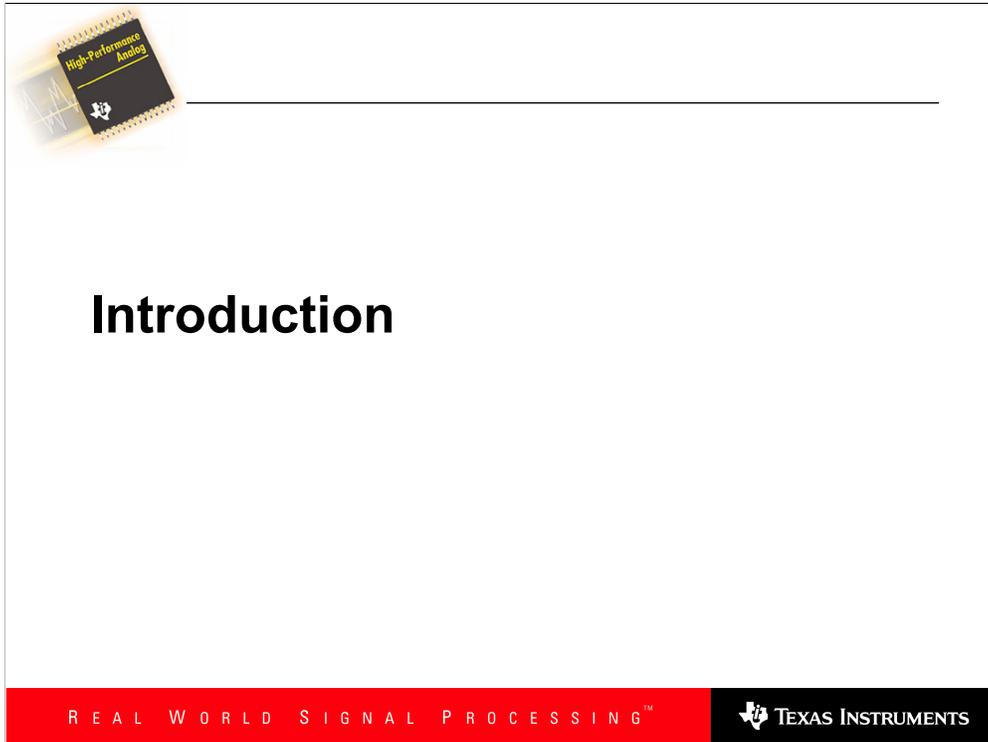
## Precision Data Acquisition Systems Applications Seminar

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# Precision Data Acquisition Systems Applications Seminar



## Introduction

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### Introduction

The Precision Data Acquisition Systems Applications Seminar from Texas Instruments examines two data acquisition systems in detail. Each section begins with a set of design requirements for the application. The section continues by a detailed example of circuit development, highlighting the tradeoffs and design decisions needed in precision data acquisition system design.

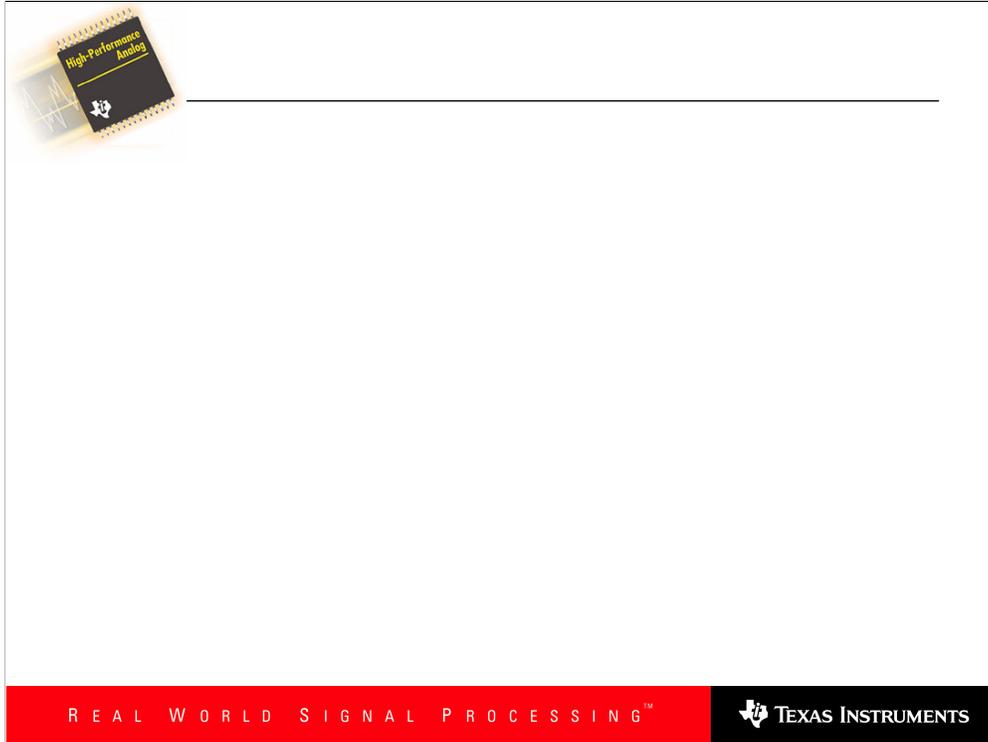
Each application was chosen not as a tutorial on a specific end equipment but as an example of real world application challenges. Each application examines the challenges of a specific system design as well as the selection criteria associated with choosing a data converter and the associated support circuitry.

This seminar was written by the applications staff of Texas Instruments. The authors are Michael Ashton, Rick Downs, Tim Green, Bill Klein, Lijoy Philipose, and Robert Watson. Bob Benjamin assisted with development of the demonstrations. Additional support in producing this book was provided by Cindy Williams, Cindy Roedig, and Jasmine Holmes.

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