

*Perspectives on
Portable
Measurement
Systems
Interoperability*

Robert J. Salerno
President

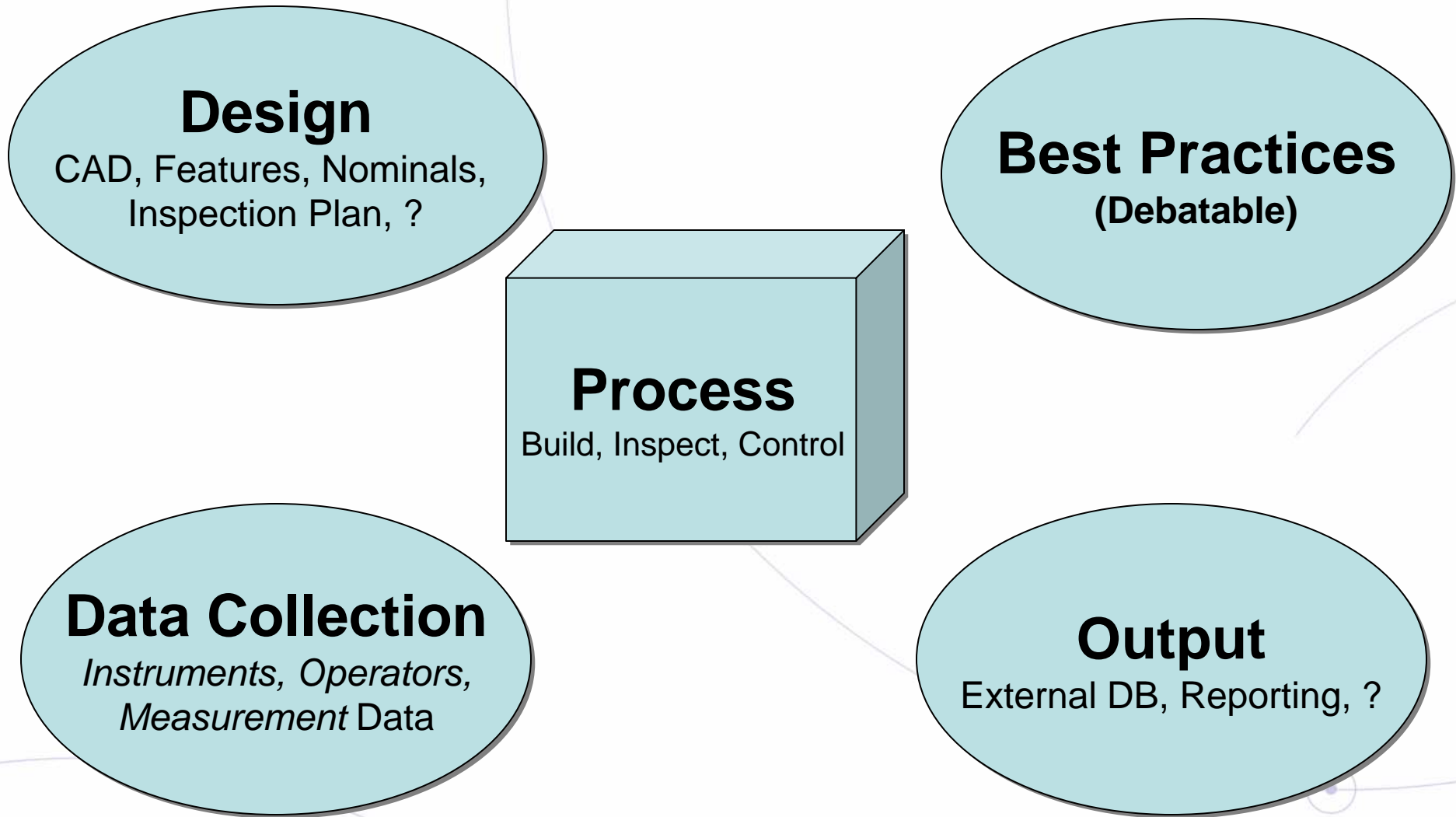
***New River
Kinematics***

Engineered for Extreme Measures.

What does NRK do?

- **SpatialAnalyzer**
 - Hardware Independent
 - Common User Interface – Technology Themes
 - Cooperative/Simultaneous Measurement
 - Real-Time Analysis
 - Scripted Solutions
 - Uncertainty Management
- **Custom Metrology Integrated Systems**
 - Machine/Process control
 - In-process verification
 - Statistical Process Control

Levels of Inter-Operability



Inter-Operability Challenges

- Low Level Control of Instrument
 - Control Input/ Data Output
 - Full Capability?
 - Operational Checks? Which ones?
- Real-Time Measurement and Analysis
 - Uncertainty Modeling
 - Distributed Processing
- Multi-Instrument
 - Mixed Types, Simultaneous, Cooperative