Recordare

Using MusicXML for File Interchange

Michael Good and Geri Actor
Recordare LLC
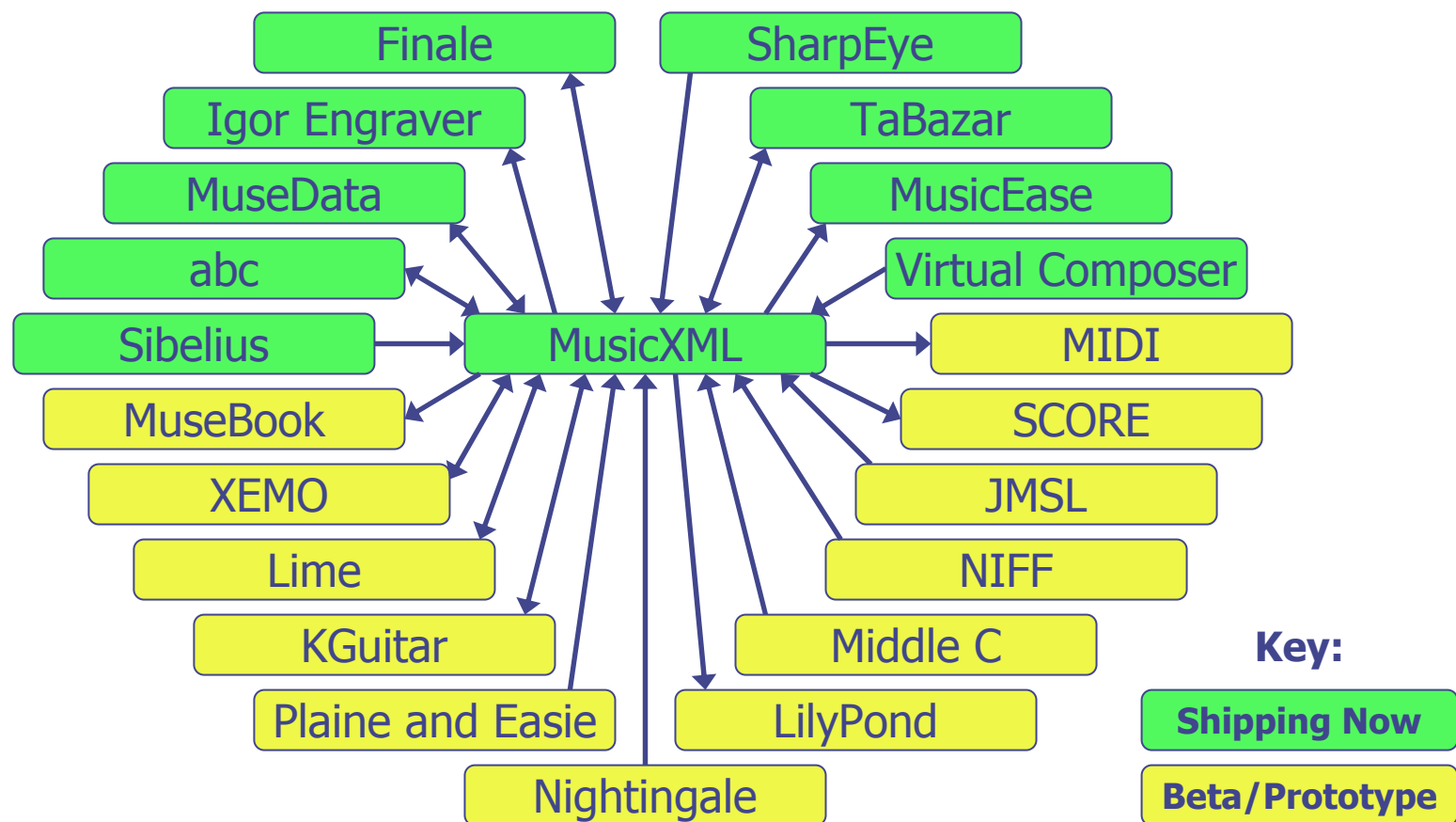
good@recordare.com, actor@recordare.com
www.recordare.com

MusicXML: A New Standard

- A universal translator for common Western musical notation
- Based on Internet-standard XML technology
- Far superior to MIDI for music notation
- Available via a royalty-free license
- Supports Finale, Sibelius, and many more programs and formats
- First widely adopted format since MIDI

MusicXML Interchange Today

Finale

SharpEye

Igor Engraver

TaBazar

MuseData

MusicEase

abc

Virtual Composer

Sibelius

MusicXML

MIDI

MuseBook

SCORE

XEMO

JMSL

Lime

NIFF

KGuitar

Middle C

Plaine and Easie

LilyPond

Nightingale

Key:

Shipping Now

Beta/Prototype

MusicXML Accuracy

Original as scanned into SharpEye

Imported into Finale via MusicXML

Imported into Finale via MIDI

Imported into Sibelius via NIFF

Copyright © 2003 Recordare LLC

Improvements since WEDELMUSIC 2002

- Dolet for Sibelius now available
- Percussion notation support improved and implemented in Dolet for Finale
- Added link and bookmark elements for easier multimedia integration
- Added measure styles, including multimeasure rests and slash notation
- More comprehensive and tested features for pop and jazz notation

Sibelius to Finale

Original as entered into Sibelius

Imported into Finale via MIDI

Imported into Finale via MusicXML

Reducing Barriers to Entry Increases Innovation

- Breaking the scanning/notation barrier
  - No more single-vendor lock-in
  - SharpEye Music Reader provide state of the art in scanning accuracy
- Specialized programs using Finale as a MusicXML notation engine
  - Java Music Specification Language: notation display
  - MuseBook Score: notation entry

For the Future

- Porting Dolet software to Macintosh and Java for use with Finale 2004

- Test the few remaining unimplemented features

- Move to standards group such as OASIS
  - Update to W3C XML schema?
  - Better integration with other XML applications and technologies