Progress Corticon 5

New Features Overview & Upgrading from Corticon 4

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PROGRESS
EXCHANGE 2013
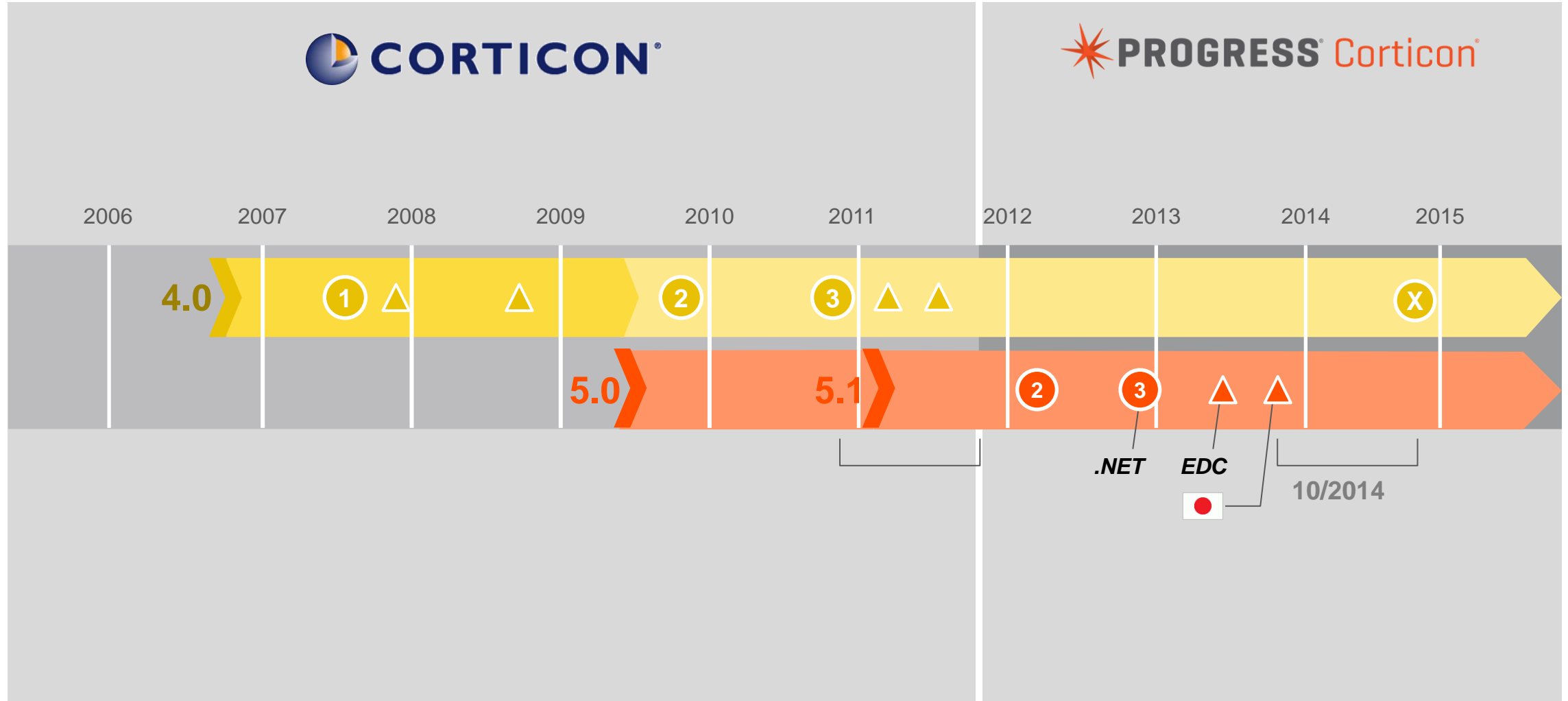DISCOVER. DEVELOP. DELIVER.

Agenda

- **Corticon Release History & Timeline**

- **Major New Features in Corticon 5**
  - Studio
  - Server

- **New Features in Corticon 5.3.3**

- **Upgrading to 5**

Corticon Release Timeline

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Corticon 4: Past, Present, and…

Why Has Corticon 4 Lasted So Long?

- **Customers Like It**
  - Stable, mature product
  - No compelling reasons to change
  - Fear of the upgrade: Studio 5 is *different*

- **Version 5 has not fully replaced 4…until now**
  - Corticon Server for .NET   5.3.0
  - Enterprise Data Connector   5.3.1
  - Full Studio Localization & I18N   5.3.3

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Major New Features in
Progress Corticon 5

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Major New Features in Studio 5

- **Available as 3 Installations**
  - Studio for Analysts (stand-alone, streamlined Eclipse)
  - Developers Studio (full Eclipse IDE)
  - Studio Plugin (for existing Eclipse IDEs)

- **Improved Enterprise Data Connector (EDC) in 5.3.1+**
  - Hibernate-based ORM
  - Includes pre-installed DataDirect drivers for supported data sources

- **Improved Project Explorer**

- **Service Callout Framework**

- **Foundation APIs**

Major New Features in Studio 5: Vocabulary

- **EMF-based (Eclipse ECORE)**

- **Custom Data Types**
  - Enumerated
  - Constrained

- **Full Inheritance**

- **Wizard-driven package import and smart object mapping**

- **Domains**

Major New Features in Studio 5: Rulesheets

- **Reusable**

- **Scope Mini-tree**

- **N-N Rule Statements and Additional Metadata**

- **Non-conditional Rule Model**

- **Auto-completion of Values Sets**

- **Improved Filters**

- **Natural Language Rulesheet View**

- **Overlapping Values Sets**

Major New Features in Studio 5: Ruleflows

- **Easy Rulesheet insertion & movement**

- **Service Callout Framework**

- **Iteration at the Rulesheet and Subflow levels**

- **Major and minor versioning**

Major New Features in Studio 5: Ruletests

- **Single Tab View of inputs and outputs**

- **Expected column with auto-compare and diff color coding**

- **XML Import and Export**
  - Import of Input
  - Export of Input, Output, and Expected data

Major New Features in Server 5

- **Faster XML/SOAP payload translation (+30%)**

- **On-the-Fly Ruleflow compilation**

- **Web Admin Console (Java only)**

- **Batch processing framework**

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New Features in
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New Features in 5.3.3

Coming Soon!

- **New certified data sources via EDC**

  - SalesForce (via D2C – some limitations)

  - Rollbase

  - Dynamics

- **OpenEdge DB support via EDC**

  - OE 10.2b

  - OE 11.3

- **Minor usability improvements**

- **Japanese localization**

  - Studio

  - Server Web Admin Console

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Upgrading to Progress Corticon 5

Upgrading to 5

- **Upgrade your Studio files to last version 4 (4.3.2)**

- **Use the latest version of 5 (5.3.2, soon 5.3.3)**

- **Studio upgrade wizard converts v4 files**

- **V4 CVJ Vocabulary converts to ECORE**

- **v4 CCJ converts to:**
  - One v5 Ruleflow (file) per v4 Rule Set (file)
  - One v5 Rulesheet (file) per v4 Rulesheet (tab)

- **Each v4 Testsheet I/O pair converts to one v5 Testsheet in a Ruletest**

- **Retest!**

Potential Upgrading Issues

- **v4 Possible Values Sets convert to v5 Custom Data Types**

- **Intra-rule Action chaining**

- **Rare syntax & semantic differences**

- **Mandatory & optional attributes**

- **EDC metadata import & mappings**
  - Re-import and revalidate the Vocabulary mappings

- **v4 Minimum filters convert to v5 Limited filters (5.3.1+)**