



ACTUATE®

The BIRT Company™

Acutate's PDF Accessibility Solution for accessible, high volume PDF print streams

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Agenda

Who is Actuate Corporation

Solution Overview

Accessible PDF

PDF Alternatives

Software Demo

What is the Value

Founded	20 years ago in 1993
Publicly Traded	BIRT - on NASDAQ since 1998
Revenues	\$139 million in 2012
Profitability	27% non-GAAP Operating Margin in FY2012
Employees / Community	600+ employees worldwide / 2,000,000+ BIRT Developers
Headquarters	San Mateo, California
Offices	Toronto, Madrid, Fribourg, London, Frankfurt, Paris, Singapore, Tokyo, DC, New York, R&D: San Mateo, Kansas City, Shanghai
Customers	Over 5,000 top-tier accounts in banking, insurance, securities, government, health care, education, utilities and OEM in high tech
Services	Design, consulting, development, integration, training, support
Product	ActuateOne and BIRT (B usiness I ntelligence R eporting T ools), CSG Product Suite

ActuateOne Applications are Ready for High Volume Enterprises



In live production environments:



40 million online subscribers serviced
17.1 billion pages delivered electronically
36 billion documents processed and stored
16 million retrievals per month
2 million documents processed daily
40 million pages per month delivered

Actuate for Customer Communications Management

Intelligent Communications Platform



*Actuate for
Customer
Communications
Management*



- Data Access
- Analytics
- Document Composition
- Output Management and Transformation
- Electronic Archiving
- Omni-Channel Delivery

BIRT iHub Content Services

What is Document Accessibility?

Availability of documents in formats that enable people with disabilities to use them

Websites and documents need to be **built** in a certain way in order to work with **assistive technologies** such as Screen Readers



Accessible PDF Documents

PDFs are the most common format for online presentment of documents and the most common source of frustration among visually impaired users

- Due to improper design
- Lack of adequate tags for screen readers

Accessible PDFs Require:

- Logical structure and reading order
- Alternate text descriptions for graphical elements
- Navigational aids
- Language specification
- Proper fonts to allow character extraction
- Design for usage with assistive technologies



Accessible PDF Documents Business Drivers

Why Accessible PDF solutions?

- Accessible PDFs can be presented online to every customer, without the need for separate document accessibility services
- Proactively address a growing need and provide a competitive advantage
- Provide and maintain a single document format for all customers
- Allows for adoption of an inclusionary practice
- Easily and cost-effectively meet regulatory accessibility requirements

Alternate Formats

Traditional Solutions to Document Accessibility:

- Braille documents
- Documents converted to audio
- 3rd party assistance

Issues with Traditional Solutions:

- Require individual to identify themselves
- Delays in delivery of content
- Unwanted disclosure of private information to 3rd parties
- Creates segregation between customer bases
- Lack of accurate statement representation



Xenos PDF Accessibility Solution

High Volume Document Remediation

Transform documents from different source formats to Accessible PDFs

- Transform print streams to Accessible PDFs for online presentment
- Remediate legacy documents to Accessible PDFs for application integration
- High performance transformation to allow generation of Accessible PDFs in high volumes
- Seamless integration with existing systems to generate and deliver Accessible PDFs as and when required

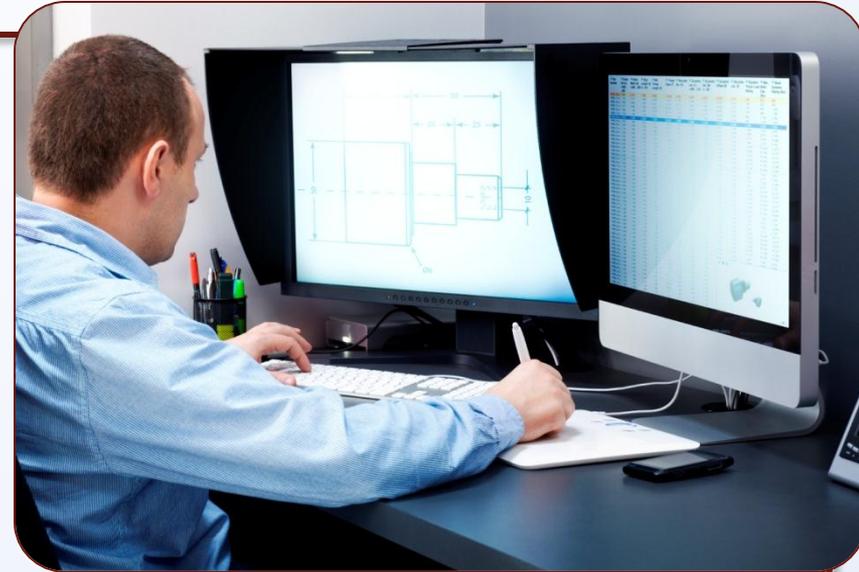


Graphical Document Layout

Define logical structural elements in documents within a rich graphical user interface

Key Capabilities:

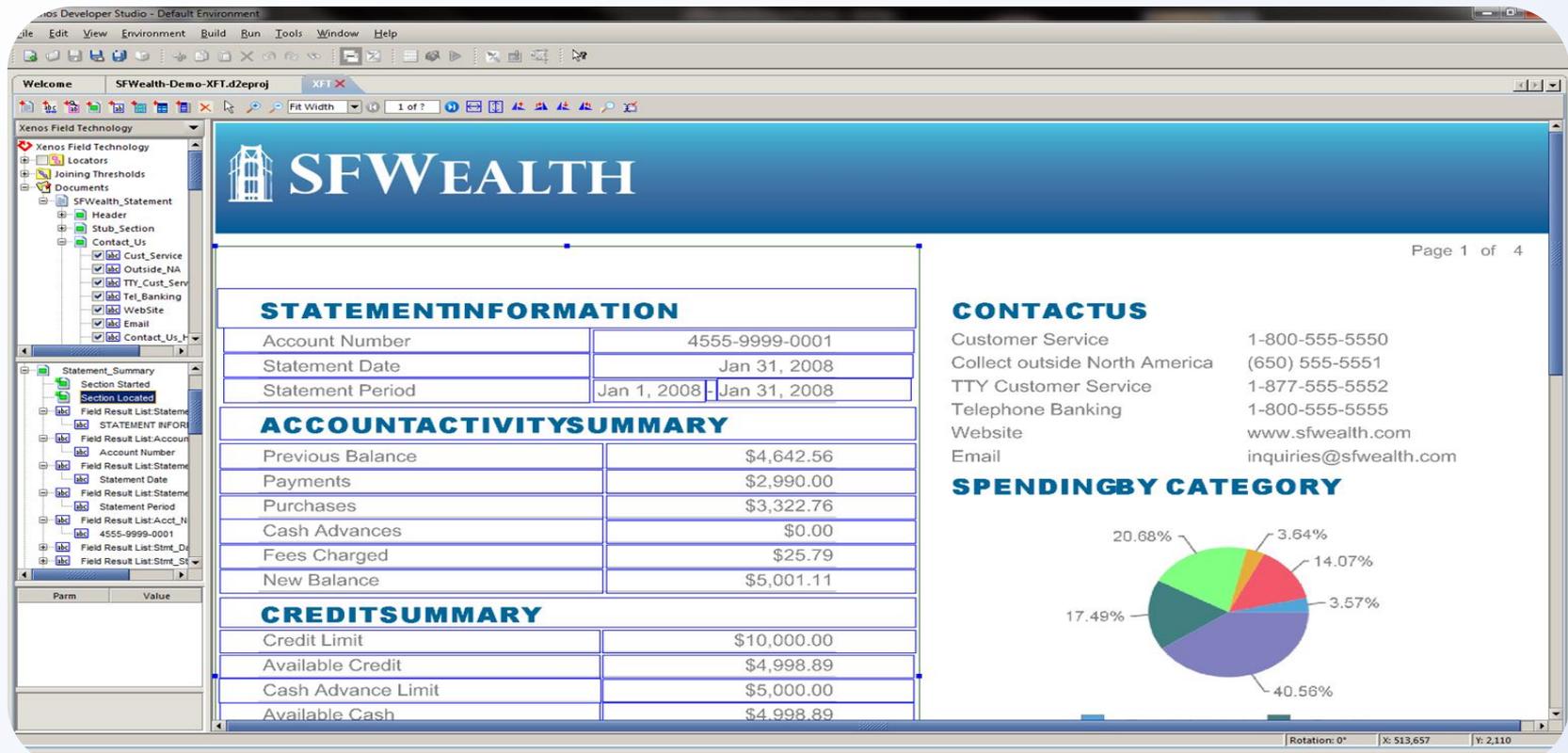
- **Xenos Field Technology (XFT)** – Ability to graphically map and define the logical structure of the document with conditional logic
- Support multiple languages with double byte character sets
- Extract document content for indexing and loading



Xenos PDF Accessibility Solution

Graphical Document Layout

Xenos Field Technology:



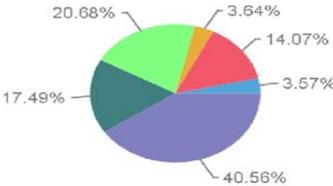
The screenshot displays the Xenos Developer Studio interface with a PDF document titled "SFWEALTH". The document is structured as follows:

- STATEMENT INFORMATION**

Account Number	4555-9999-0001
Statement Date	Jan 31, 2008
Statement Period	Jan 1, 2008 Jan 31, 2008
- ACCOUNT ACTIVITY SUMMARY**

Previous Balance	\$4,642.56
Payments	\$2,990.00
Purchases	\$3,322.76
Cash Advances	\$0.00
Fees Charged	\$25.79
New Balance	\$5,001.11
- CREDITS SUMMARY**

Credit Limit	\$10,000.00
Available Credit	\$4,998.89
Cash Advance Limit	\$5,000.00
Available Cash	\$4,998.89
- CONTACT US**

Customer Service 1-800-555-5550
Collect outside North America (650) 555-5551
TTY Customer Service 1-877-555-5552
Telephone Banking 1-800-555-5555
Website www.sfwealth.com
Email inquiries@sfwealth.com
- SPENDING BY CATEGORY**

Category 1	20.68%
Category 2	3.64%
Category 3	14.07%
Category 4	3.57%
Category 5	40.56%
Category 6	17.49%

Page 1 of 4

Reading Order and Document Navigation

Optimize the reading order of the document with customizable headings and alternate text

Key Capabilities:

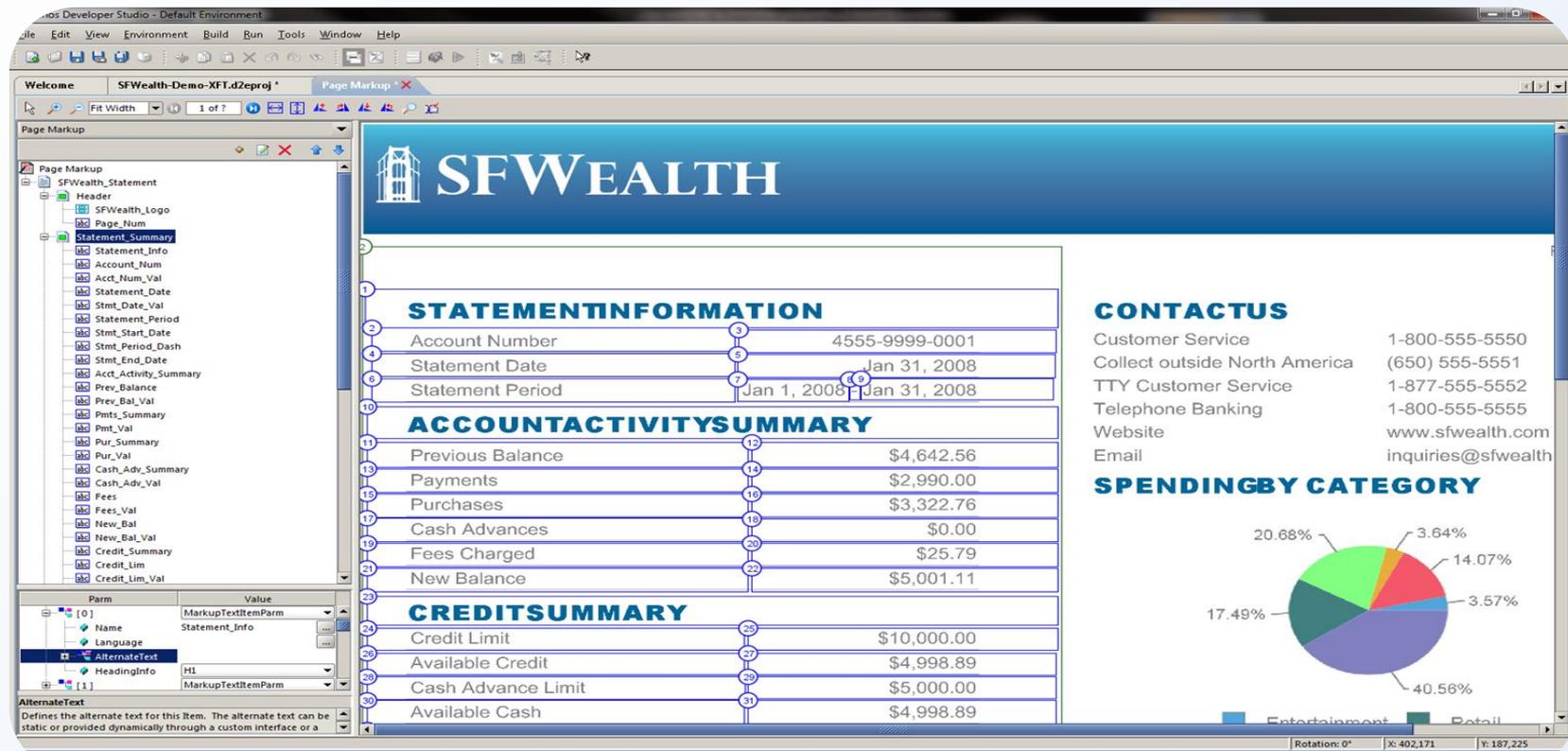
- **Headings** – Define structural elements as headers to aid in navigating the document using screen readers
- **Alternate Text** – Provide static or dynamic alternate text for figures, form fields and links
- **Language Specification** – Specify different languages for different elements in the document
- **Tables** – Define table row and column elements, including identifying a row and column for headings



Xenos PDF Accessibility Solution

Reading Order and Document Navigation

Xenos Page Markup:



The screenshot displays the Xenos Developer Studio interface for a PDF document titled "SFWEALTH". The main content area shows a page with the following sections and reading order markers:

- STATEMENT INFORMATION** (Marker 3)
- ACCOUNTACTIVITYSUMMARY** (Marker 11)
- CREDITSUMMARY** (Marker 24)

The right side of the page contains a **CONTACTUS** section and a **SPENDINGBY CATEGORY** pie chart.

Account Number	4555-9999-0001
Statement Date	Jan 31, 2008
Statement Period	Jan 1, 2008 - Jan 31, 2008

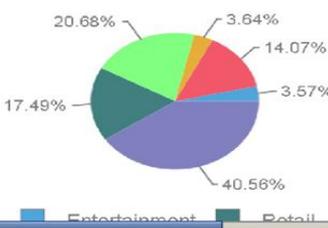
Previous Balance	\$4,642.56
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New Balance	\$5,001.11

Credit Limit	\$10,000.00
Available Credit	\$4,998.89
Cash Advance Limit	\$5,000.00
Available Cash	\$4,998.89

CONTACTUS

- Customer Service: 1-800-555-5550
- Collect outside North America: (650) 555-5551
- TTY Customer Service: 1-877-555-5552
- Telephone Banking: 1-800-555-5555
- Website: www.sfwealth.com
- Email: inquiries@sfwealth

SPENDINGBY CATEGORY



Category	Percentage
Entertainment	20.68%
Retail	40.56%
Other	38.76%

Xenos PDF Accessibility Solution

Online Presentment and Multi-Channel Delivery

Deliver stored content through multiple channels both inside and outside the organization

Key Capabilities:

- **Online Presentment** – Transform print ready content to Accessible PDFs in batch or on-demand



Xenos PDF Accessibility Solution

Enterprise Class Solution

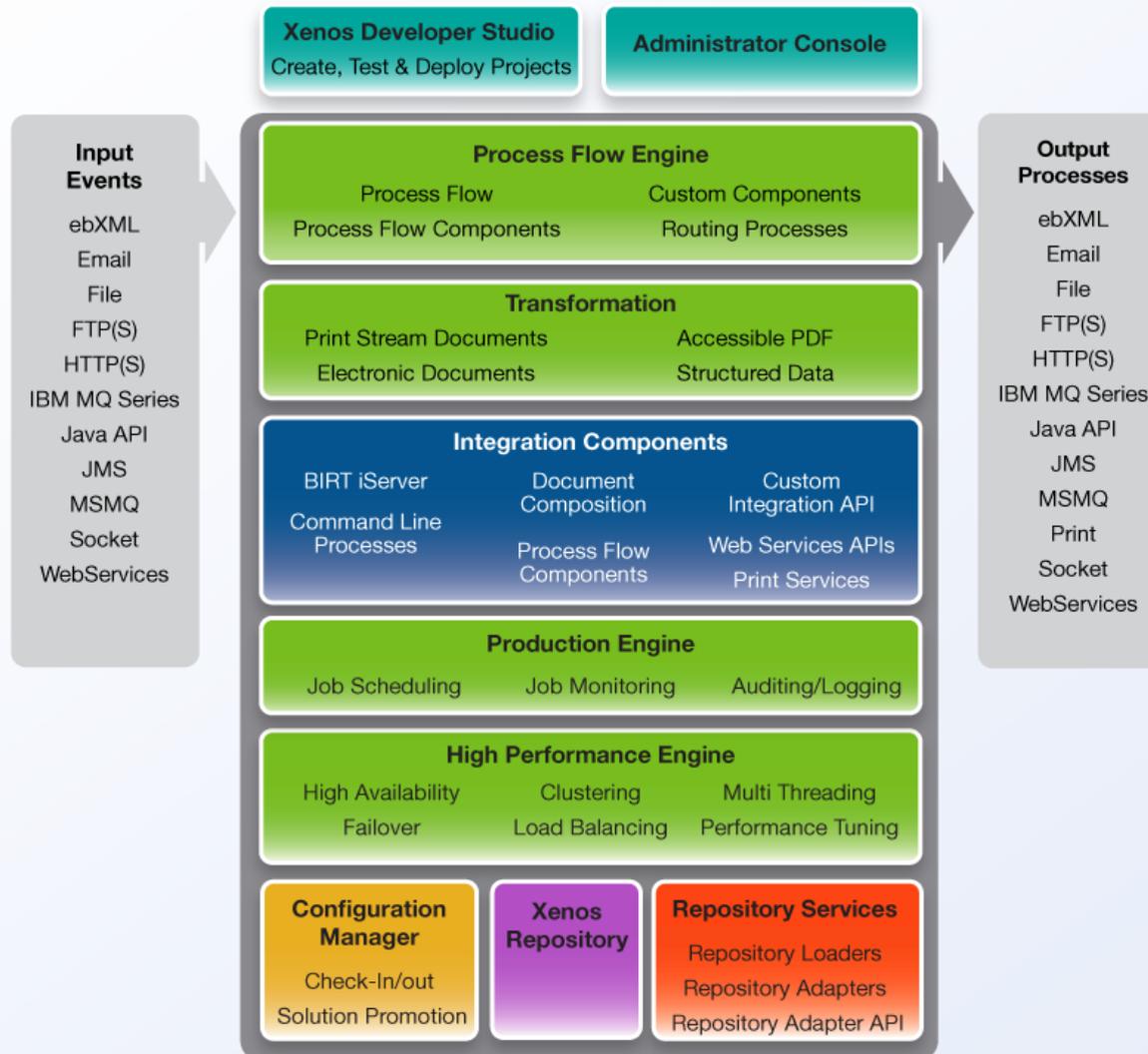
Ensure service reliability with enterprise level performance and functionality

Key Capabilities:

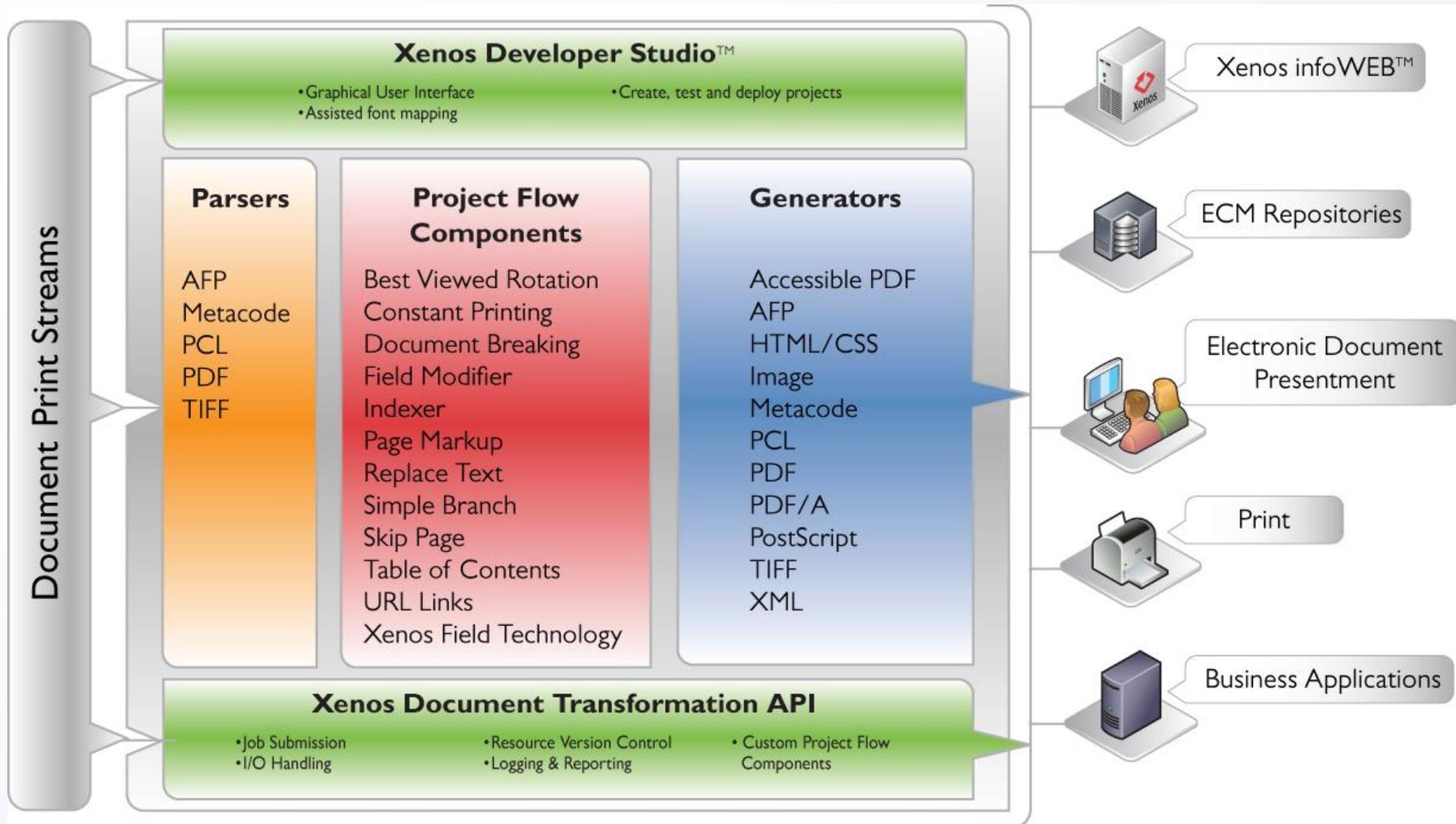
- Built-in project flow components for rapid time to market
- Integrated logging for system and document audits
- High performance multi threaded architecture
- Near linear vertical and horizontal scalability



Xenos Enterprise Server – Technology Overview



Document Transformation - TS4Docs





**Accessibility
Demo**

Key Business Drivers - Overview





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***For any questions please contact
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