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Style Report Enterprise
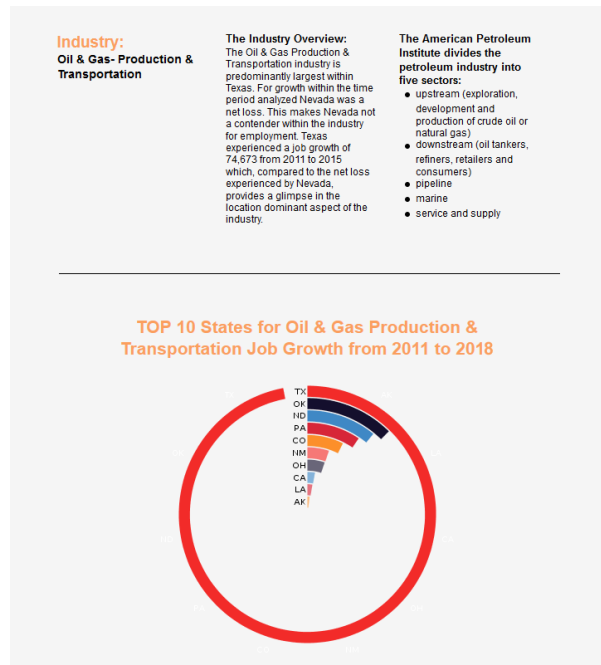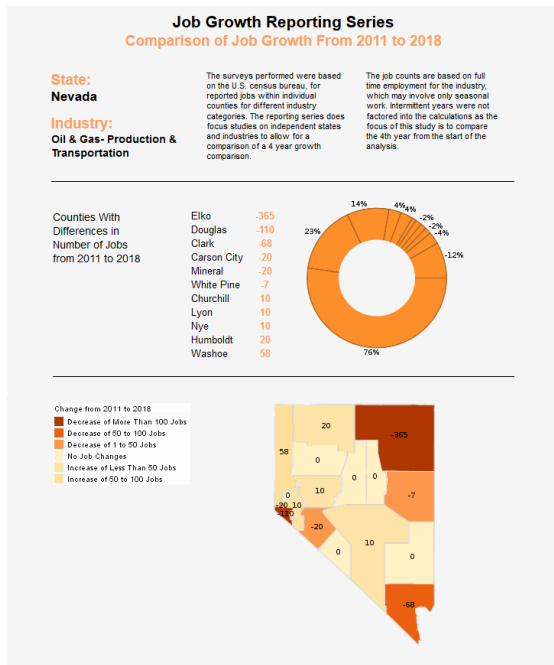## Easy. Agile. Robust.

Introduction ▶

Style Report™ Enterprise is an edition of Style Intelligence that focuses on enterprise reporting. It provides production reports and web-based interactive reports in a zero-client, web environment.

Style Report Enterprise's small footprint, 100% Java, pure web architecture delivers an embedding and integration-ready platform. As a J2EE drop-in web application, Style Report Enterprise not only integrates with the web user interface, it also leverages the same application server platform as that of the embedding application, providing a powerful, flexible reporting and publishing solution for enterprises and ISV's.

Published Report Examples

Advantages ▶

PROFESSIONAL GRADE REPORT WRITING

- Manipulate and present raw data with sophisticated layout and flow
- Embed business logic using JavaScript
- High-fidelity output in multiple formats

ON-DEMAND/BATCH REPORTING WITH ARCHIVING

- Get on-demand real time information
- Historical data storage via archive mechanism with versioning
- Minimize performance bottlenecks with scheduled batch reporting
- Large data reporting via data segmentation
- Personalized delivery mechanism

EMBEDDING AND INTEGRATION

- Leverage best-in-breed publishing technology instead of building and maintaining it
- Flexibility to accommodate the most demanding integration requirements

Production Reporting & Mashups

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Features ▶

DATA ACCESS

Multiple Data Sources: Relational databases (JDBC), multidimensional databases, XML, SOAP, Java beans (POJO), EJB beans, Microsoft Excel, flat files, plus custom data access adapters (additional sources via Style Intelligence)

Data Modeling: Graphical data modeler and query builder; re-usable Data Blocks

Data Mashup: Combine data within a single data source or across multiple data sources into unified datasets using union, intersection, minus, inner/outer joins, etc.

User/Role Based Filtering: Define query filters for data access restriction based on User/Role permissions on data cell level

PRODUCTION REPORT DESIGN

Report Designer: GUI based report writer for creation of professional grade WYSIWYG reports; word processor-like and HTML-like layout

Multiple SQL Paths: Queries, stored procedures, or access through data models that create the SQL for you

Global and Local Queries: Define queries for a single report or share queries across multiple reports

Presentation Element Library: Rich collection of elements to satisfy demanding reporting requirements

Tables: Dynamic expanding table, formula table, and super crosstab; spreadsheet-like tabulations for financial reports and ledger accounts

Grouping & Summary: Aggregate and group data on multiple levels in both column and row directions; free positioning field based sections (bands)

Charts: Configurable charting engine with over 30 different types

Reusable Components: Sub-reports, meta-templates, table styles, script functions and report beans; subreport nesting

Advanced Presentation: Geographical map and image display with interactive zoom in/out functionality

Table of Contents: Dynamic generation of table of contents with live indexing

KEY APPLICATIONS:

Production Reports — Publish recurring information to a wide audience through various channels and formats.
These reports are typically professionally designed with business logic for pixel perfect presentation.

Push & Pull Delivery — Publish reports to a server repository for web viewing and archiving, or schedule email bursts to distribution lists.

BUSINESS LOGIC EMBEDDING

Scripting: Report, page, or element level scripting using JavaScript

Highlighting: Use colors or font properties to conditionally format important information

Controls: Conditional control on element visibility and page breaks on-export and on-print report control

Drilldowns: Drill into next level reports and URLs

Production Reporting & Mashups

INTERACTIVE REPORT VIEWING

User Deployment: Zero-client, security-controlled web portal

Exporting: Export to PDF, Excel, HTML, CSV, Text

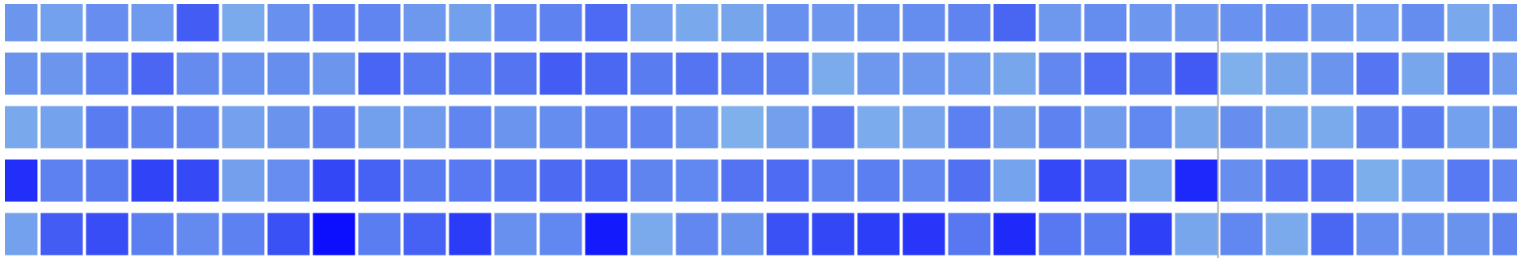**Parameter Sheets:** Staged and cascading parameter prompting dialogs

Drilldowns: Hide/show details and drill into next level reports and URLs

Display Interactivity: In-report sorting, filtering, hide/unhide; summary/detail toggling display; dropdown lists, text fields and other form controls; report element context menu

Data Timeliness: Real-time viewing or queued reports

Distribution: Email, server-based printing, and client-based printing

Archiving: Archived report snapshots with in-report exploration

HIGH PERFORMANCE AND SCALABILITY

Connection Pooling: Share database connections for high performance and efficient resource usage

Threading and Streaming: Report engine uses data streaming and page streaming; concurrent report threading control

Caching: Configurable caching of query result sets and reports

Bursting: Run scheduled reports with internal data segmentation based on user or role

Report Pregeneration: Generate large reports at scheduled intervals to reduce load/bottlenecks during high demand periods

Cluster Configuration: Built-in Spark/Hadoop cluster for load balancing across servers

Resource Management: resource management on file system and database

ENTERPRISE ENVIRONMENT

Administration: Single-stop remote web-based administration module for configuration, security and deployment

Security Model: Configurable security control on data cell, report, and folder; by individual, role, group, and functional module

Encryption: HTTPS support and encryption on PDF outputs

Archive with Versioning: Concurrent versioning of reports for historical viewing and comparison

User Auditing: Detailed auditing of user logins, activity, and error logs

Error Logging: Detailed logging of report execution cycles with adjustable levels of granularity

Scheduling and Triggering: Schedule batch report generation, set conditions

Team Development: Central environment for configuration sharing, with built-in locking; XML based templates and global query repository

Resource Management: User disk quota control

Mobile Access: Supports any Android or iOS mobile device via HTML5

EMBEDDING AND INTEGRATION

User Access: Single sign-on and out-of-box LDAP integration

Architecture: Web Services and SOA architecture

Presentation: CSS driven presentation customization; comprehensive tag library to embed reports into JSP pages

Integration Options: IIS and MS SharePoint; componentized portal

Java API: Reporting and server API for embedding within custom Java applications

Internationalization: Dynamically translate report data and portal interface based on locale

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System Requirements ▶

Platform: Intel, AMD, Sun, AIX, AS/400, HP, SPARC, PowerPC, any Java-capable platform

Operating System: Windows (8 or 10), Linux, Solaris, HP-Unix, MacOS, JVM 1.8 through 8.x

CPU: Intel Core i5 or equivalent

Memory: Minimum 8GB

Hard Disk: Minimum 800MB

Application Server: Tomcat, WebLogic, WebSphere, JBoss, any J2EE-compliant server

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