

The Data Cookbook and a Pragmatic Approach for Implementing Data Governance.

Pragmatic Data Governance
Webinar and Demo



Visit our Data Governance Resources Page:
datacookbook.com/dg

Introductions

- **Brian Parish**

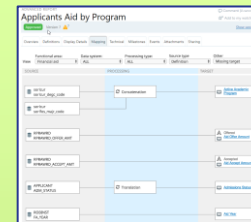
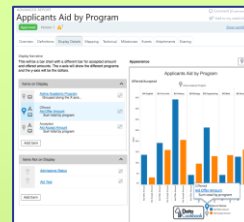
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Built to Support the Best Practices of Pragmatic Data Governance



SaaS
Data Governance
Solution



- **Framework for Data Governance**
 - Stewardship, knowledgebase, process
- **Consolidates Data Governance content**
- **Built-in data governance workflows**
- **Supports searching and relating all content**
- **Versioning, approvals, and impact analysis**
- **Unlimited users with single sign-on**
- **API integration to embed in other systems**

What information are you looking for?

Search the Data Cookbook

Go



What information are you looking for?

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Business
Glossary

Data System
Catalog



Data System Inventory
and Data Models



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Catalog

Data Processing
Catalog

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Data Request
Process

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Data Quality

Reference Data
Management

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**Data Quality and
Reference Data**

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Data Ownership
Stewards, Areas,
Domainship

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**Stewards, Workflows,
Functional Areas**

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Data Ownership
Stewards, Areas,
Domains

Policy Attributes
Access, Security,
Privacy, etc.

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Change
Management

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Policy and
Procedure
Documents

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**Policies
(Collection Documents)**

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External Data
Standards and
Reporting

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What information are you

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**Search-able Public Data
Standards, Data Submission
Agencies, and Shared Content**

**Search your entire
knowledge base and
request help**

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Data Governance Content



Business Glossary

Functional & technical definitions

Data System Catalog

System details, technical data models, tagging

Data Processing Catalog

Reports, ETLs, Surveys, APIs, etc.

Data Lineage

Data Requests

Data Ownership

Functional area, domain, & steward classification

Data Quality

Rules, assessments, monitoring, issue resolution

Reference Data Management, mapping, and monitoring

Policy Attributes

Data Access, Security, Sharing, Privacy, and Retention

Change Management

Versioning, status, item dependency, & change impact

External Data Standards and Reporting

Data Policy and Procedure Documentation

Embedded in other tools

Not all users need to access the knowledge base directly

- Reporting tools
- Ticketing system
- Website/Portal



Connie Sumer

Data Cookbook

Request a New Report

Term Search

Search for:

Exact match?

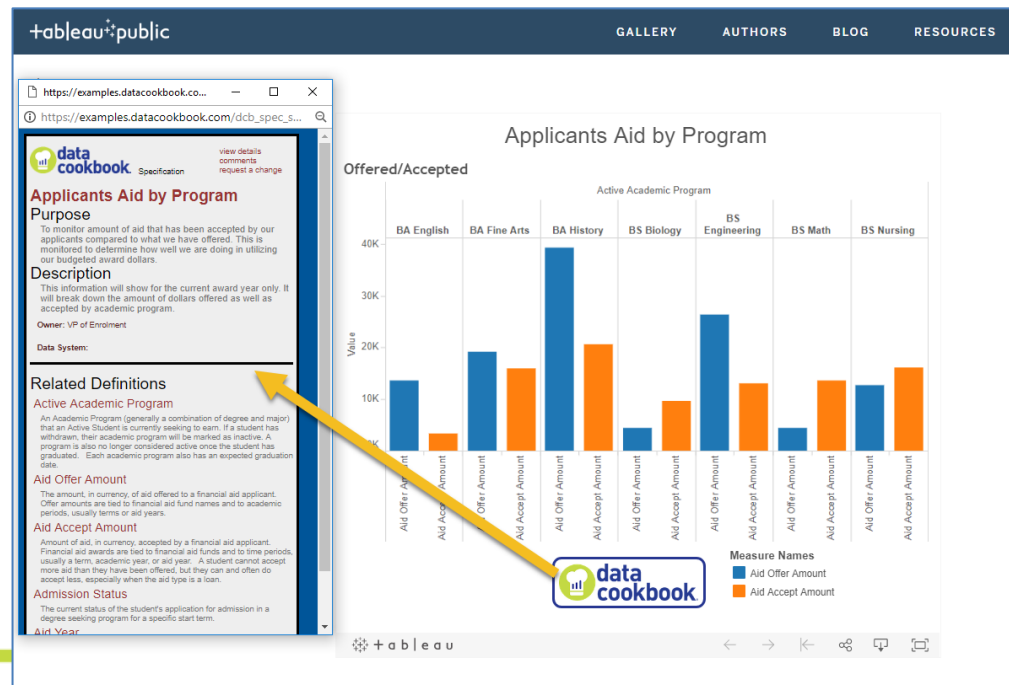
Search Results

Full-Time Student
A Student currently enrolled in more than 12 hours of credit classes.

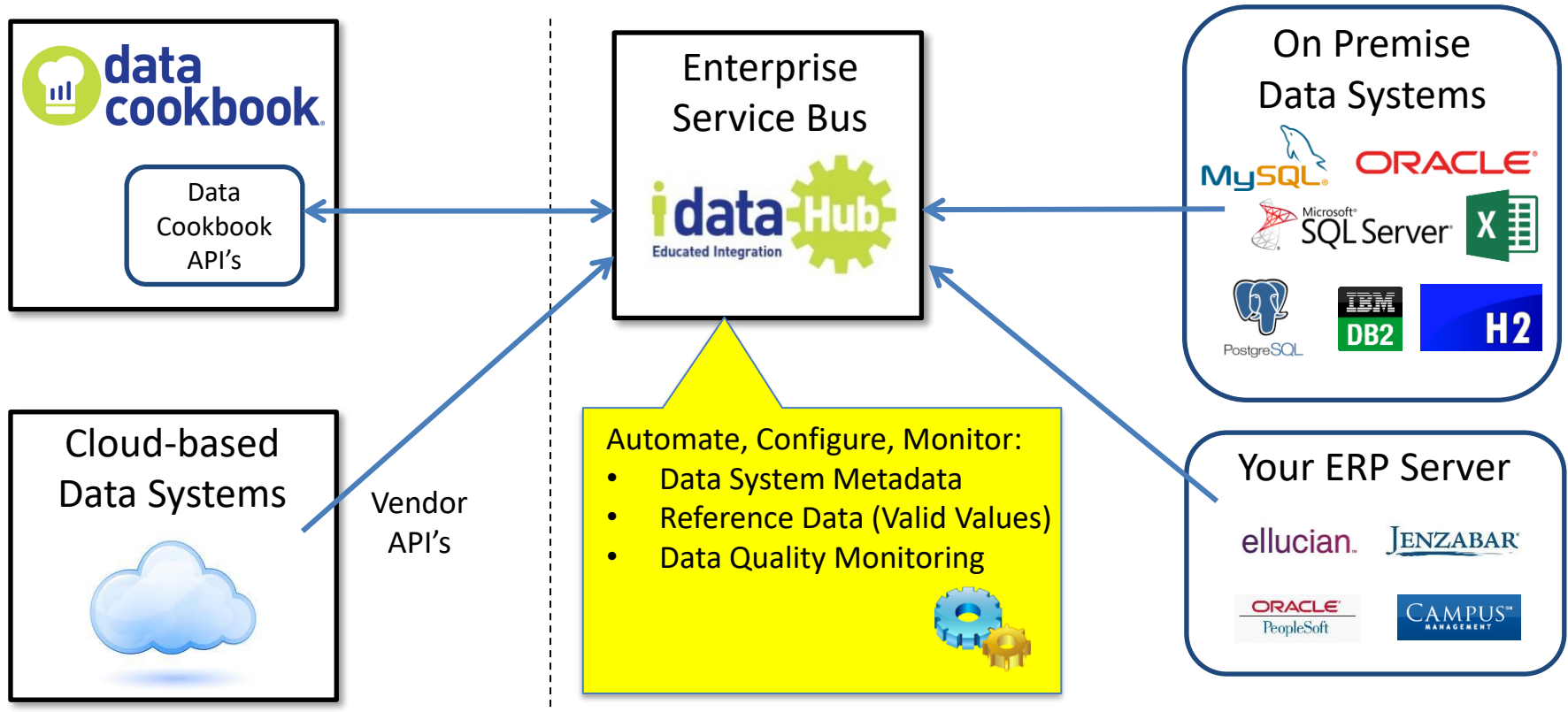
Part-Time Student
student with less than 12 hours credit

Active Student
A Student with at least one credit on the census date in a degree seeking program

Graduate student



Secure Integration w/ IDataHub ESB



Integration Overview



Outbound integrations



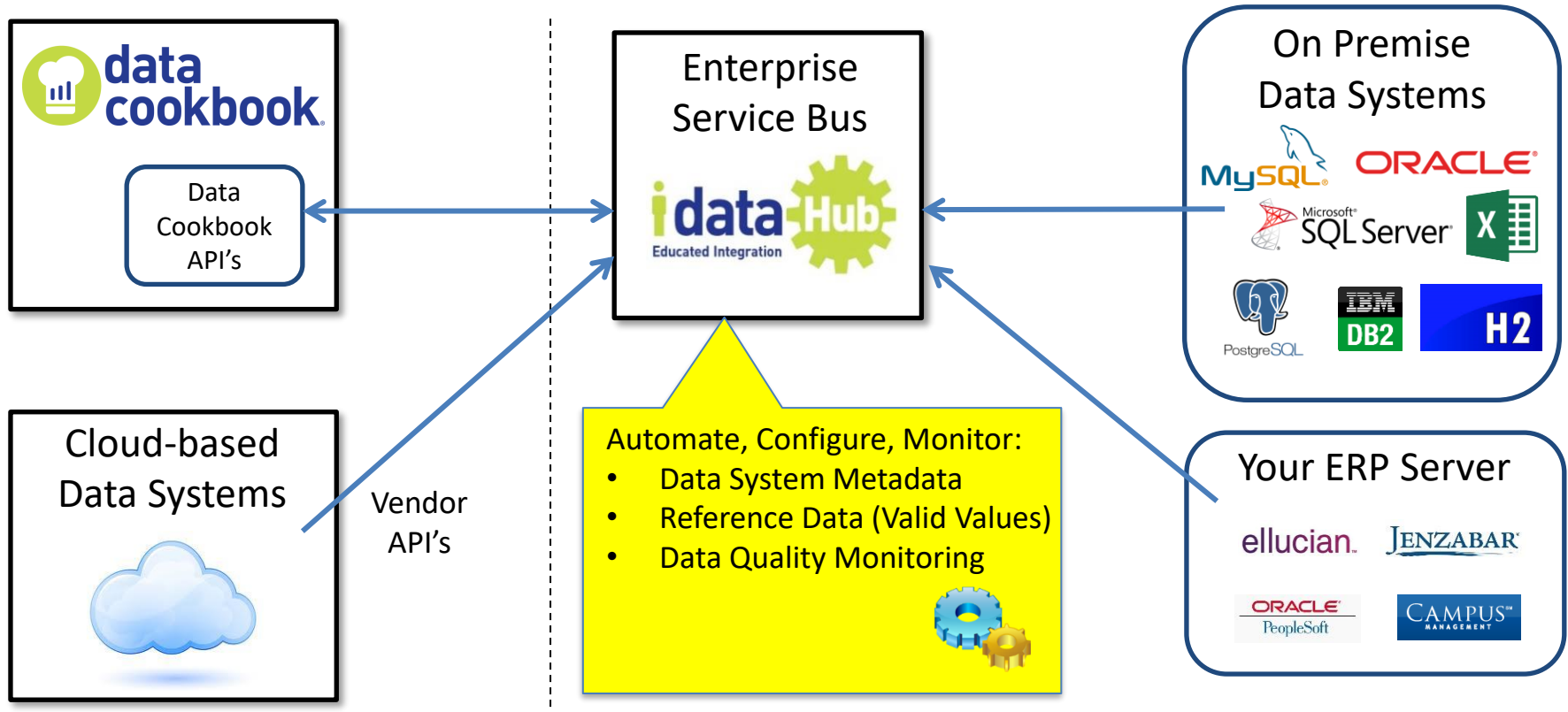
- View Data Cookbook content in reporting tools (API integration)
- Embed Data Cookbook content and searches in websites (API integration)
- Export Data Cookbook content (CSV exports)
- Query/extract Data Cookbook content (ODBC views)

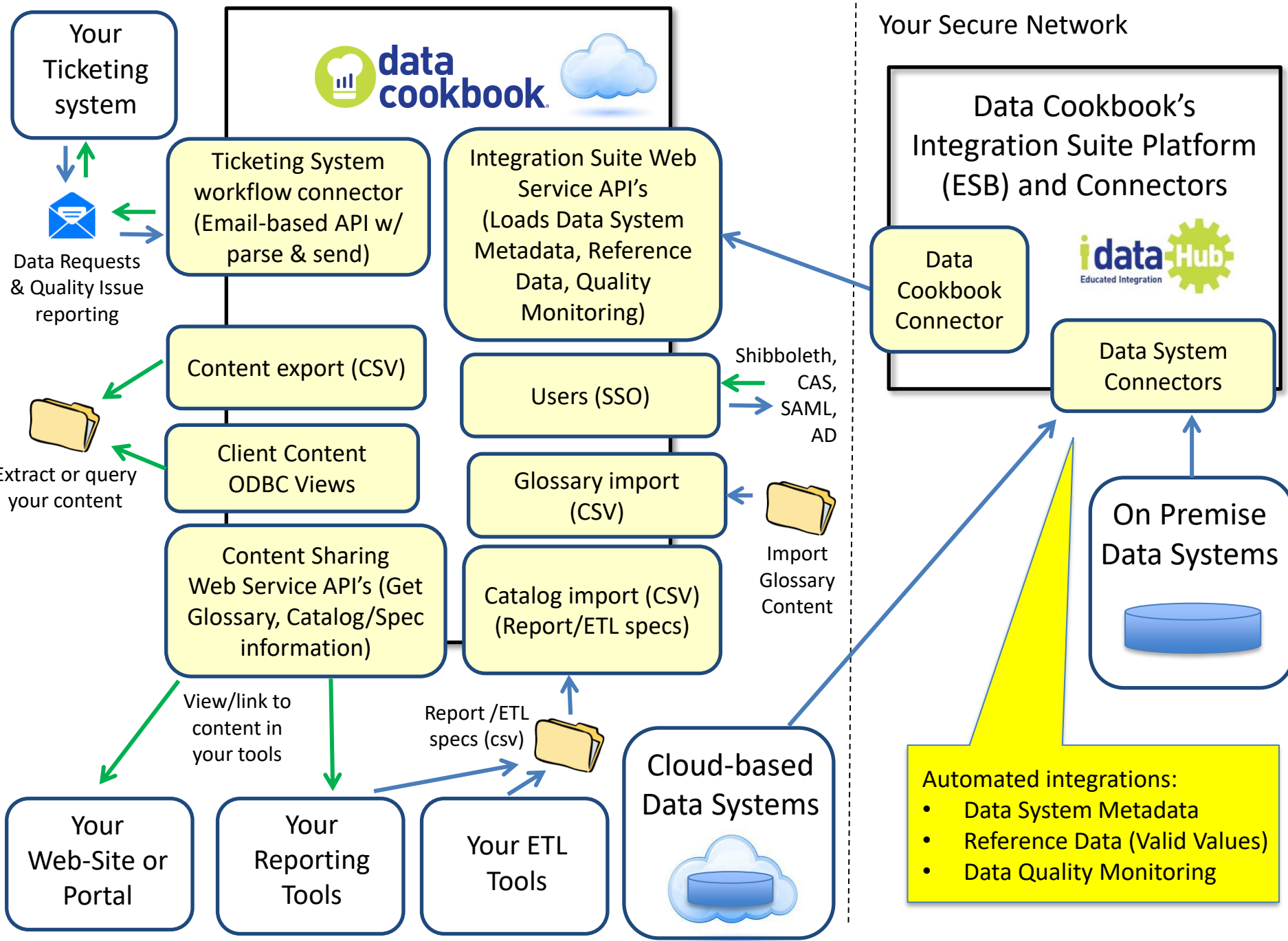
Inbound integrations



- Data system metadata synchronization (Integration Suite Connector)
- Reference data synchronization (Integration Suite Connector)
- Data quality monitoring and issue creation (Integration Suite Connector)
- Ticketing system integration for data requests & quality issues (workflow connector)
- Import content - glossary, data models, report/ETL specs (CSV Imports)
- SSO and user provisioning

Secure Integration w/ IDataHub ESB





Your Ticketing system

Ticketing System workflow connector (Email-based API w/ parse & send)

Integration Suite Web Service API's (Loads Data System Metadata, Reference Data, Quality Monitoring)

Data Requests & Quality Issue reporting

Content export (CSV)

Users (SSO)

Shibboleth, CAS, SAML, AD

Client Content ODBC Views

Glossary import (CSV)

Import Glossary Content

Content Sharing Web Service API's (Get Glossary, Catalog/Spec information)

Catalog import (CSV) (Report/ETL specs)

View/link to content in your tools

Report /ETL specs (csv)

Your Web-Site or Portal

Your Reporting Tools

Your ETL Tools

Cloud-based Data Systems

Your Secure Network

Data Cookbook's Integration Suite Platform (ESB) and Connectors

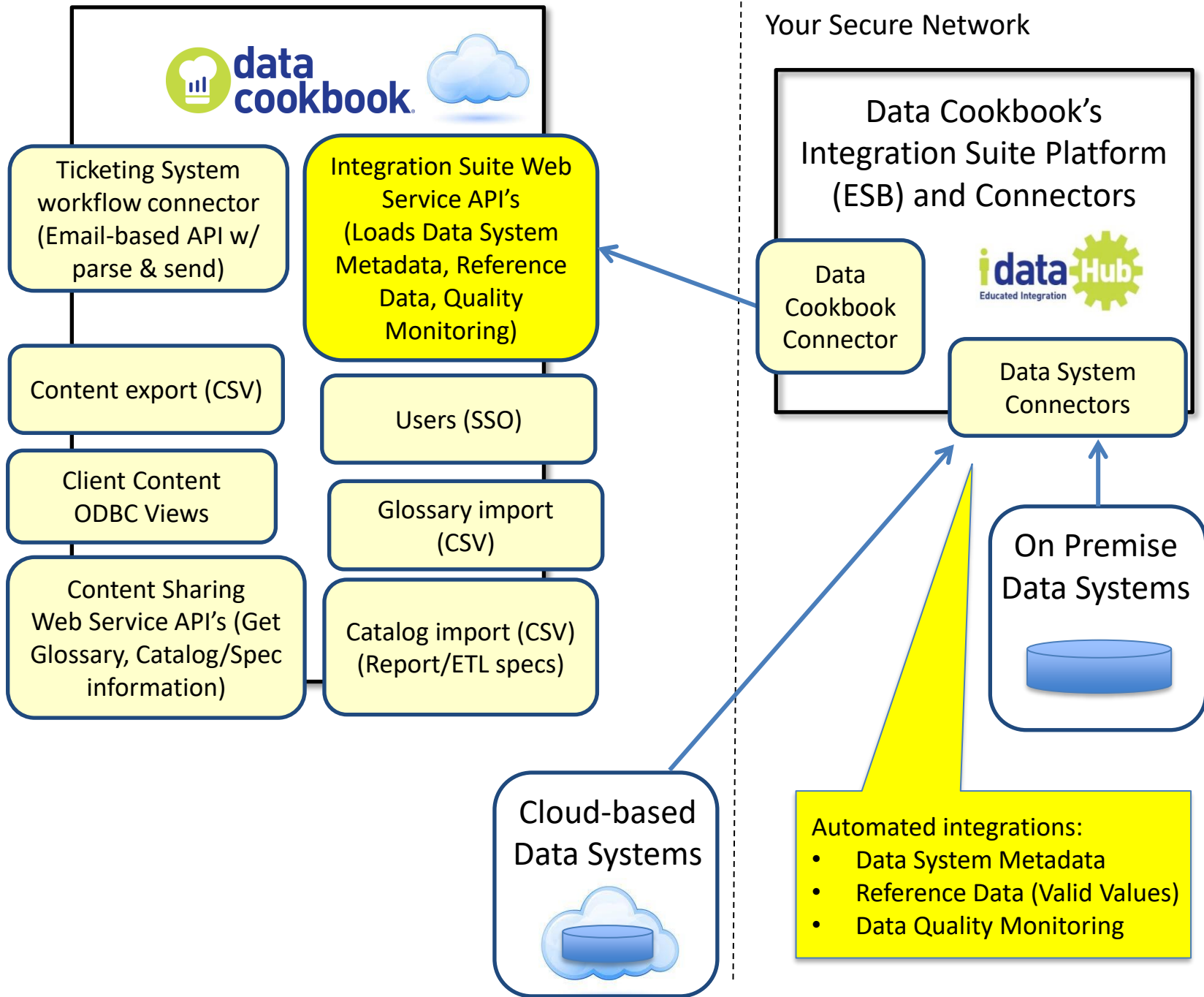
Data Cookbook Connector


Data System Connectors

On Premise Data Systems

Automated integrations:


- Data System Metadata
- Reference Data (Valid Values)
- Data Quality Monitoring





Integration Suite
Web Service API's
(Loads Data System
Metadata,
Reference Data,
Quality
Monitoring)

Data Cookbook's
Integration Suite Platform
(ESB) and Connectors




Data Cookbook Connector

- ODBC/JDBC Data System Connector
- Salesforce Connector *
- Colleague Connector
- Workday Connector *
- NoSQL Connector*
- Custom Connector (one-time custom fee)

Most Data Systems work with our ODBC connector

Any ODBC Compliant Data Systems



Salesforce 

Unidata/Colleague 

Workday
(in development)

NoSQL database

Your Other non-ODBC compliant Data System

Swappable Connectors for:

- Data System Metadata
- Reference Data (Valid Values)
- Data Quality Monitoring

* Roadmap item – (connector in development)

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