

“A platform is considered a success, when the economic value of everybody that uses it exceeds the value of the company that creates it”



Submission Insights

- **Product** – Submission Insights platform is an end-to-end platform to extract and normalize data and enrich and create business consumable insights from Submission email and attached documents.
- **Roadmap** – Ready to use platform with the largest repository of Trained Algorithms for Commercial Lines (ACORD, Applications, Schedules, SOV, Loss Runs, Policies)



Submission Insights – Product Overview

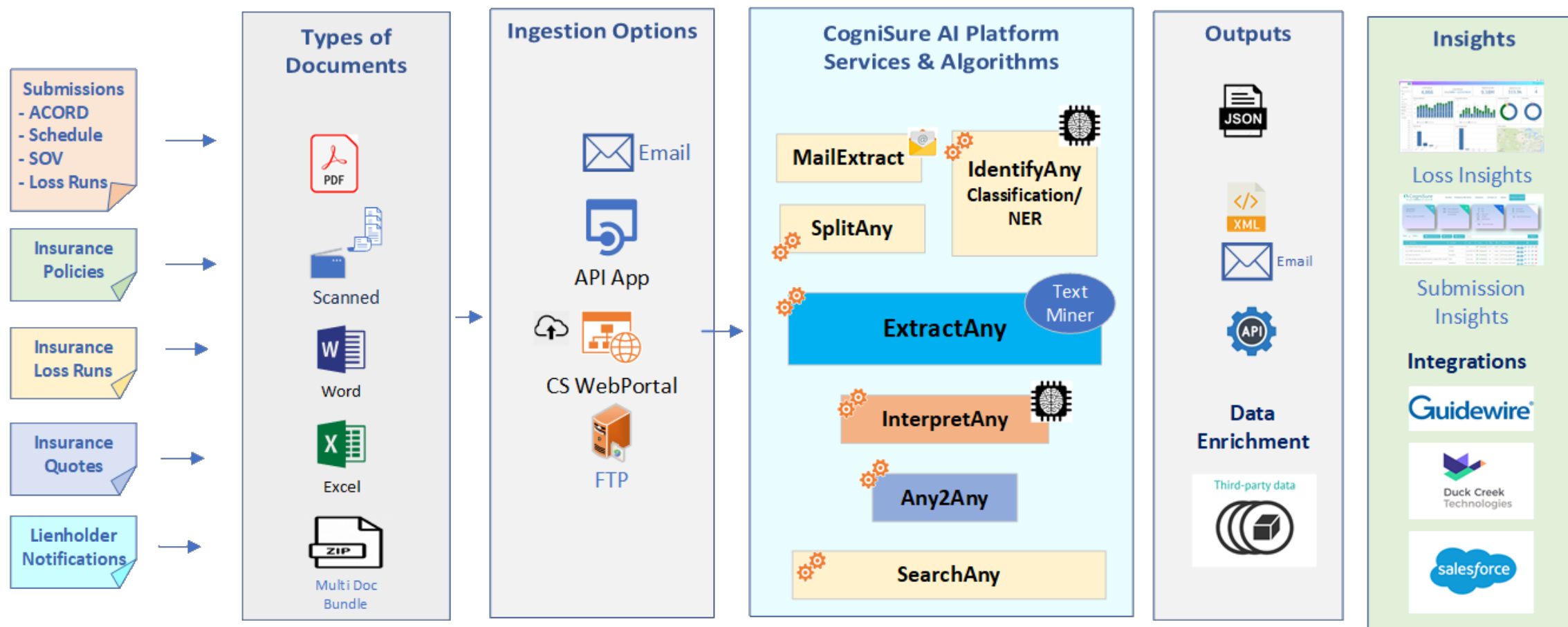
- Submission Insights - Cloud hosted, ISO Certified, Patent Pending proprietary algorithms to convert unstructured documents into actionable insights

High level overview	<ul style="list-style-type: none">■ AI Platform extracts data from Semi structured & Unstructured documents using Machine learning techniques
Input formats supported	<ul style="list-style-type: none">■ PDF, Excel, Scanned Documents, Emails, Zip Files■ Bundled documents with multiple document types
Output formats supported	<ul style="list-style-type: none">■ Json, XML, CSV, Email formats
API support	<ul style="list-style-type: none">■ RestAPI
Exception Handling	<ul style="list-style-type: none">■ Human in the loop with SLAs
Hosting	<ul style="list-style-type: none">■ Hosted in Cloud AWS US Data Center
Security	<ul style="list-style-type: none">■ PGP File encryption■ AES256 Data Encryption■ ISO 27001:2013 Information Security Standards compliant■ HIPAA standard compliant

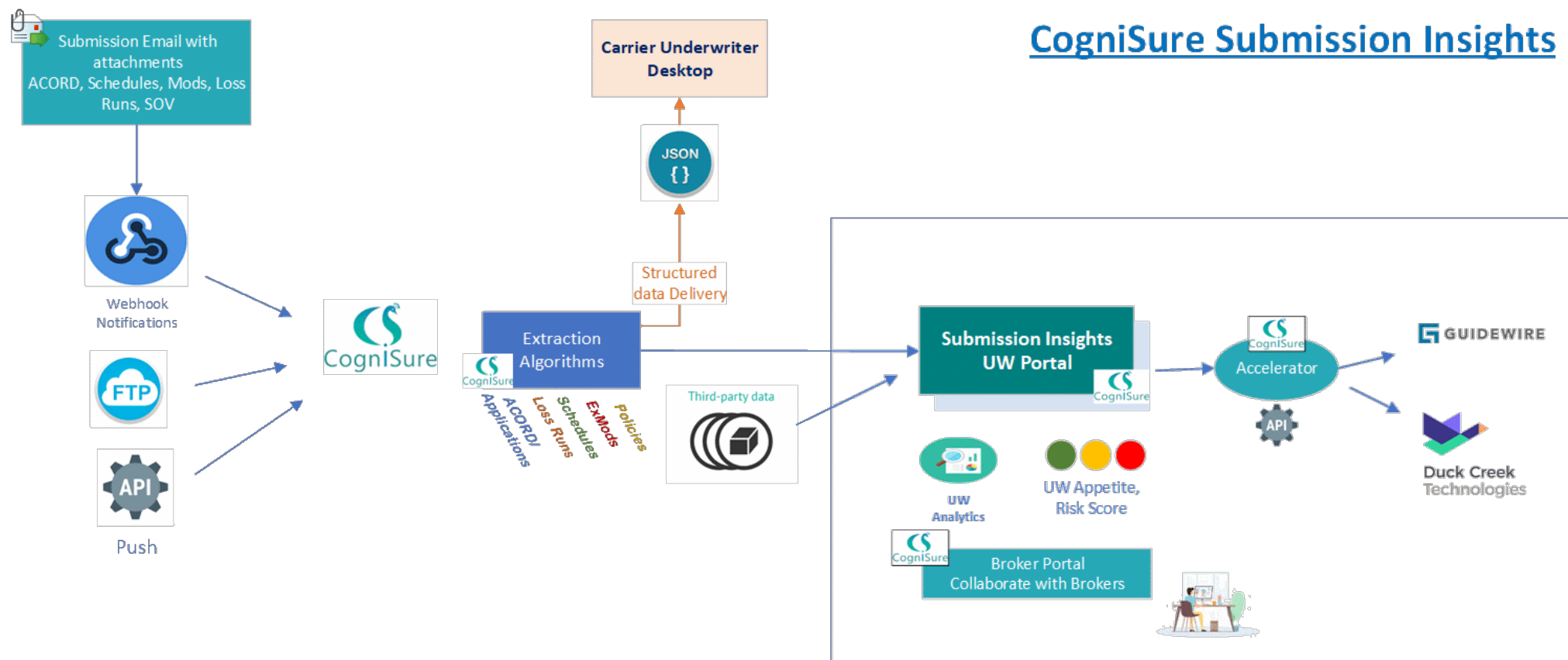
Submission Insights – Technology Stack

APIs	Guidewire API, CogniSure Web APIs
Languages & Frameworks	C#, ASP.NET, Python, Java, Tesseract (OCR)
Algorithms	Deep Learning Algorithms (Tensorflow) CogniSure Proprietary algorithms
Design Tools	HTML, Bootstrap, CSS
Database	MySQL, Mongo NoSQL
Data Analytics	QlikSense, Qlik Nprint
Repositories	GIT
Hosting	AWS
Communications	SFTP, Web Hook Notifications, Emails
Security	OAuth 2.0, PGP Encryption

Submission Insights – Data Flow



Submission Insights – Straight Through Processing – Email to Quote



Submission Insights – Security Overview

The CogniSure AI Platform is a cloud hosted secure platform

- CogniSure engines are completely hosted inside USA boundaries in AWS cloud
- All machines, networks are protected with proper firewall setup
- All machine disks are fully encrypted
- Well defined VPN is layered on top of the active directories
- Multi factor authentication is enabled at all applicable areas
- Whitelisting ports/paths



Submission Insights – Strategic Roadmap

- Leadership status with the largest repository of extraction & normalization algorithms for commercial insurance documents
- 3rd party data enrichment (integrate 3rd party data sources)
- Insights into unstructured text blocks - apply NLP/ML on unstructured data for insights (for example – identification of cause of loss from loss description text)
- Build integrations with insurance core platform vendors – Guidewire, DuckCreek, Insurity, Salesforce, PEGA, eBao, Sapiens etc.
- Find ways to eliminate data exchange friction between brokers/wholesalers and carriers

Client Testimonials



Murali Natarajan,
SVP and CIO

“As part of our commercial underwriting transformation, we are excited to partner with CogniSure AI after evaluating their loss run insights solution through an extensive pilot.

We are thrilled to see how CogniSure AI can convert hard-to-digest large commercial loss runs received from other carriers into underwriting summaries in minutes, allowing us to make better risk decisions.”



Joe DiBella
EVP & Practice
Leader
National Employee
Benefits

“For self-funded employers, benefit plan claim reporting remains a major pain point. In representing our clients, we get a myriad of unstructured data from health plans and insurers that makes data evaluation time consuming and complex. It takes hundreds of hours of manual manipulation to harmonize reams of disparate reports and turn them into actionable data points to help clients better manage self-funded plans.

Thankfully, CogniSure AI has revolutionized this archaic process with their new Benefit Insights solution. Their platform systematically merges data from multiple vendors across multiple lines and creates a powerful web-based data set we can use to help clients implement strategies to bend the cost curve ”

Client Testimonials



Seth Hausman
Managing Partner

“Data has long been an important, yet challenging component of the insurance industry. Well organized and accurate data provides huge opportunity to generate insights and improve decision making. Loss run data is critical but has proven to be difficult to harness. We are thrilled that CogniSure is working hard to solve this challenge for the industry.”



Mike McIntire,
CTO

“CogniSure’s ability to quickly map and normalize loss data from multiple carriers is a game changer. In an industry with very little data standardization, CogniSure provides producers and account teams with the ability to deliver insights into customer loss information that was previously too difficult to make use of in an efficient manner”

Client Testimonials



Sean Murray,
Managing Partner

“We are thrilled to see how CogniSure AI can convert hard-to-digest, large commercial submission documents consisting of ACORD Applications, SOV schedules, and Loss Runs received from brokers into structured data that we can consume in our e-commerce platform and rating system, allowing us to save significant costs, efforts, and make better risk decisions.”



Becky Mattick,
Vice president,
Global Solution
Alliances

“We applaud CogniSure on the release of its PolicyCenter accelerator. CogniSure’s technology is now easily accessible through PolicyCenter, allowing our joint customers to receive actionable insights that would otherwise be buried in unstructured documents.”



Thank you

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