

Technology: Underpinning Growth & Compliance

Next-gen infrastructure that supports new solutions, greater agility, and Al



2023 Asure Reseller Partner Conference

Collaborative Synergy R&D - Innovation Teams

Product & Compliance – Christian Franklin, Tamer Gendi & A.J.Wasielewski

Information Security – Joshua Gohman

Integration – Ashrit Bista

Development – Andrew Quartey, John Canada & Michel Thiran

UI/UX - Pam Mercier

Information Technology – Rob Mount

Quality Assurance – Mike Peterson

Automation/RPA/Workato/PM – Jermani Martin

Artificial Intelligence – Asure Team

My Goals this week

Share

Listen

Align

Establish Relationships



Our Journey Gradual and well-thought-out transition



- Pandemic-driven constantly changing IRS & State Regulations Maintenance &
- Compliance
- Enhancements

2020

Maintenance/

Compliance

Enhancements

2020 -2021

Mid Market

• Dashboard Enhancements

• Migration to Asure Tax

Infrastructure

- RPA/Workato Automating Mundane Tasks
- Asure Identity Design/build
- Asure Tax Portal
- ERTC Support End to End Automation
- Treasury Centralized Money Movement
- Market Place Data Store/Equifax
- E-signature Service
- Nacha Tokenization Service

Q1 - Q2 2023

2022

2021 -

EVO

- 64-bit Back End Released
- Migration to Asure Tax

Q3 2023 and 2024

WHAT'S NEXT?

- AWS Partnership & Modernization
- MM Employee Onboarding
- AHR Mega Menu
- MM E-signature
- EVO 64-bit Client-Side Stability
- Employee Portal -Design/Architecture

Our Journey Payroll/Tax/Tax Credits Re-Imagined



Employee Portal Development

- API Gross to Net Calc Engine
- Payroll/Tax Engine
- Asure Identity ready for Integration
- Maintenance/Compliance
- NACHA Tokenization (MM, EVO, AHR)

Mid Market

- Upgrade to SQL Server 2022
- Geo Locator

EVO

- Client S&P Hardening
- DB Changes

AHR

- Emp Mass Update
- Performance

Q3 2023

Mid Market

- New Calc Engine
- Asure Identity

Advanced HR

- Employee Mass Create
- Asure Identity
- Asure Employee Portal
- Treasury System
- Tax Credits

Q4 23 and **Q1 24**

....

New Calc Engine

Q4 23

through

Q2 24

Asure Identity

Legacy Systems

Strengths

- Proven Functionality
- Domain Expertise
- Customization
- Operational Experience
- Data Legacy

Pitfalls

- Limited Scalability
- Integration
 Challenges
- Security Concerns
- Outdated technology/UI
- Maintenance & Support Issues
- Limited reporting

Driving Modernization Fostering a Culture of Innovation

Improved Efficiency and Higher Scalability

Modern, Secure & Innovative

API Integration

Low cost to serve and maintain

Enhanced user experience

Simple & Intuitive

Centralized Dashboard

Automation & Optimization

Harnessing the power of APIs, we're making the complex task of leveraging data from legacy systems easier than ever, paving the way for seamless reporting



The Modernization Journey

Infrastructure & Back End Prerequisite to a successful modernization

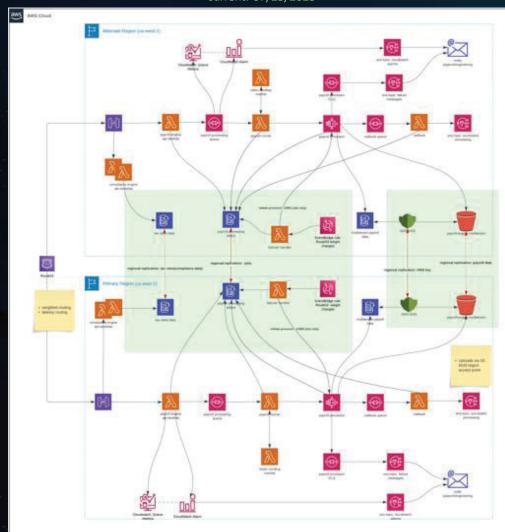
- Plays a pivotal role in delivering reliable and efficient systems
- Groundwork for a seamless & robust modernization
- Enhanced user experience with faster load times, improved system performance and fewer disruptions

Transitional Strategy

Amazon Modernization Lab

Employee Centric Solution

Asure Payroll Engine HA/DR Infrastructure Architecture current: 07/25/2023







Asure Future Calc Engine Accessible via APIs to initiate and receive calculated payloads

Implementation

Data Coupling

Well Architected

Future-Proofing

Calculation logic to be per employee

Modern implementation language

Cloud native technologies

Data Source Agnostic

Decouple compliance data from data required for payroll calculations

Highly-available and active across multiple regions

Observable

Secure

Cost Effective

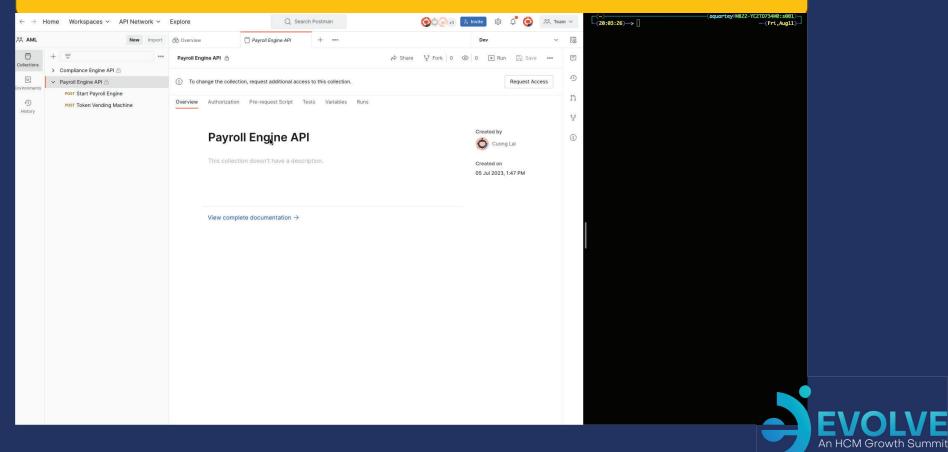
Scalable

Achieves parity with existing payroll tax engine calculations and can serve as their replacement

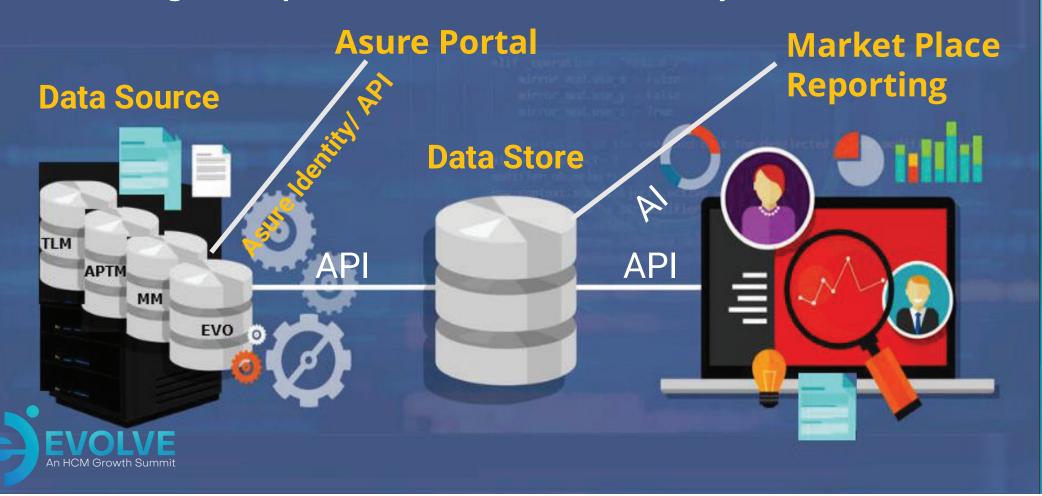
Extensible to meet newer requirements of payroll transparently

Next Generation Engine Demo

30,000 employee payroll run - Total Duration 4 min 14 sec



Building a Comprehensive Modern Data Ecosystem



Flexible data ecosystem that brings efficiency, scalability, and advanced insights.

The Foundation: Data Lake

Data Centralization

Data Consistency

Flexibility and Scalability

Secure Storage

API Layer: Enabling Connectivity

Seamless Connection

Standardized Interfaces

Modular Development

Future-Proofing

AI-Powered Analytics & Insights

Advanced Data Analysis

Predictive Capabilities

Personalization and UX

Automation and Efficiency

Real-Time Insights

Scalability and Speed

Data is not just stored; it's transformed





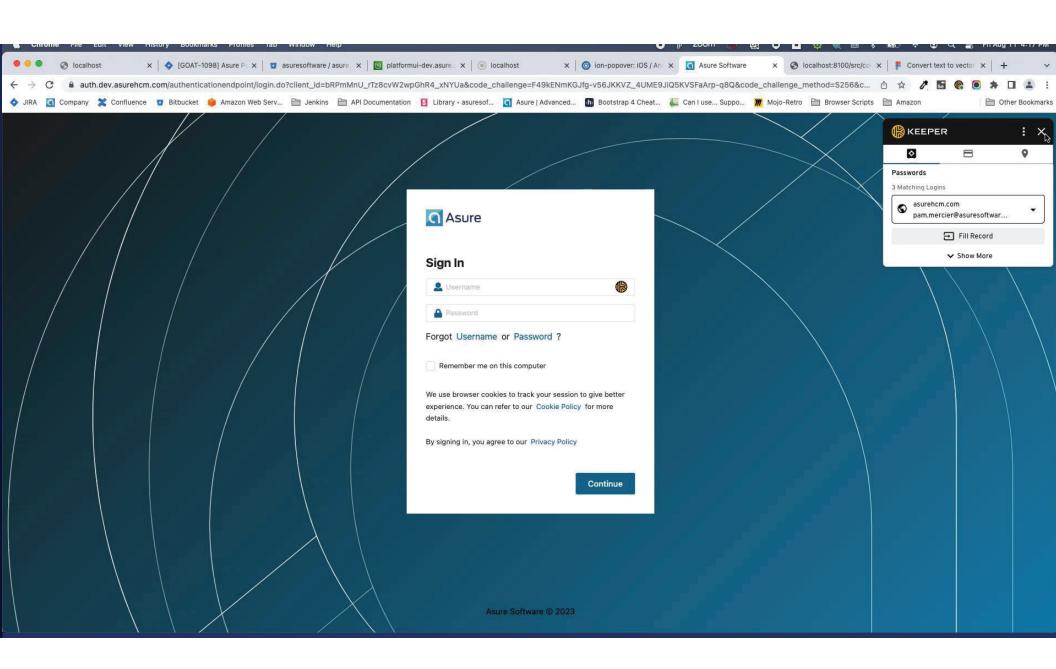
The Modernization Journey

Employee Centric Portal

- UI/UX backend-agnostic architecture
- Intuitive, seamless and simple
- Leverage API contracts to abstract backend complexities
- Al-powered support 24-7
- Responsive and compatible across desktop, tablet and mobile

Transitional Strategy

Employee Centric Solution

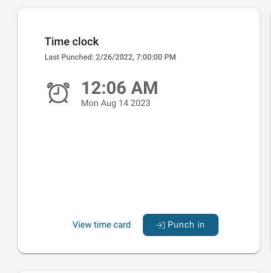


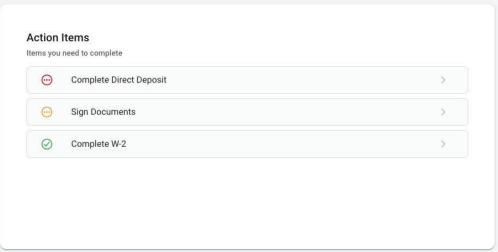


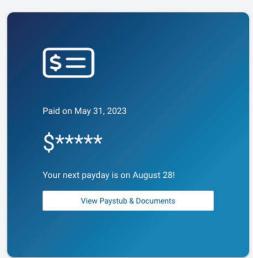


Good afternoon, Evangeline!









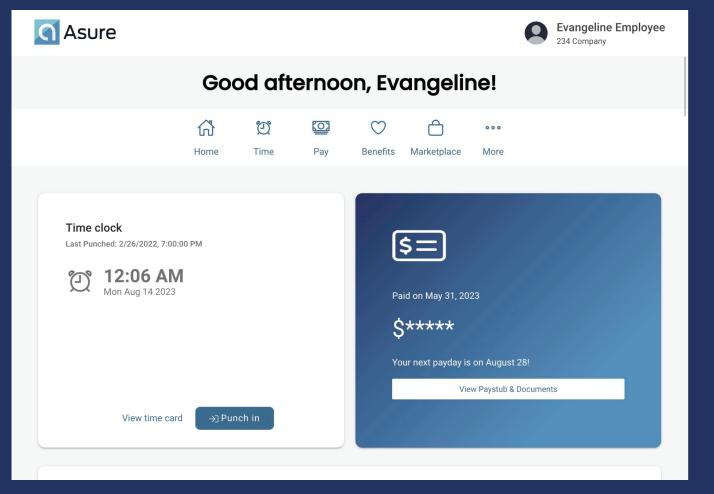


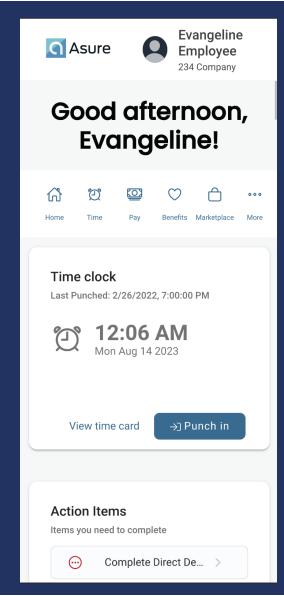


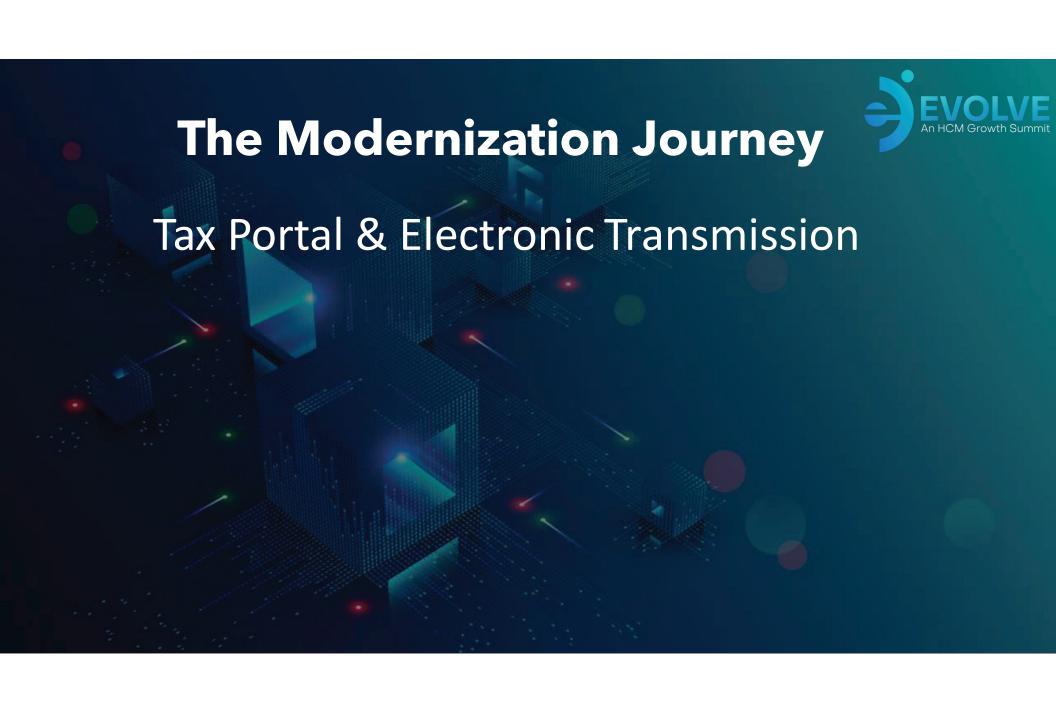


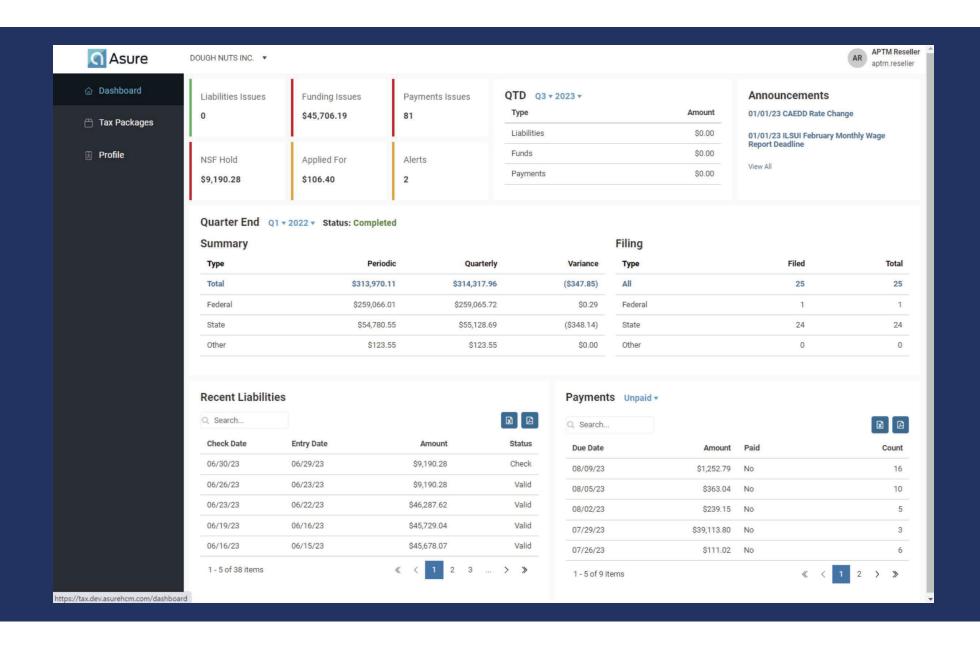
An HCM Growth Summit

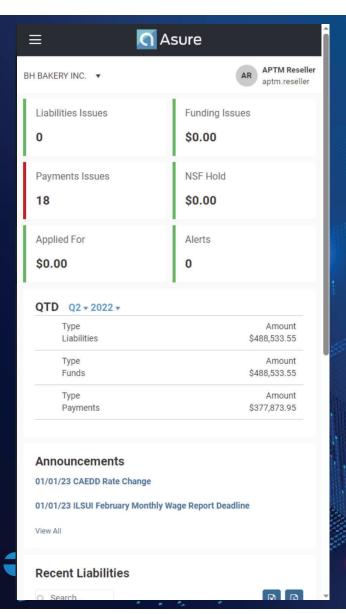


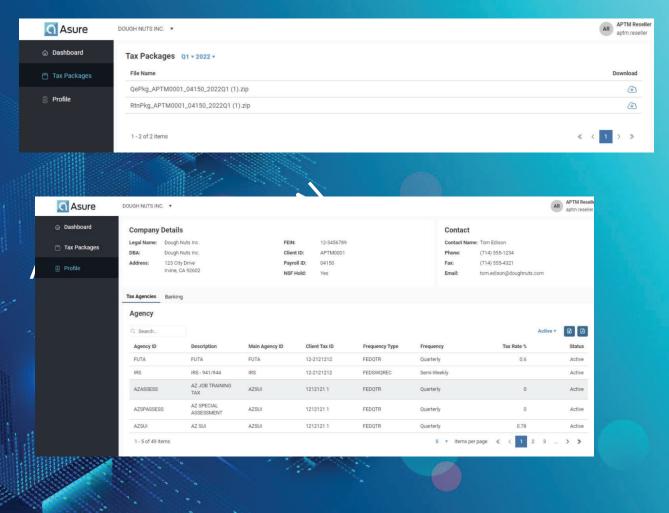


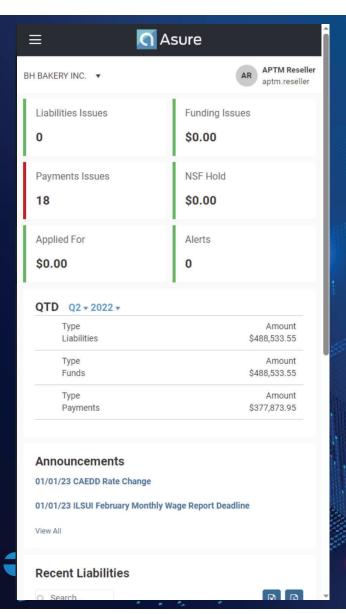


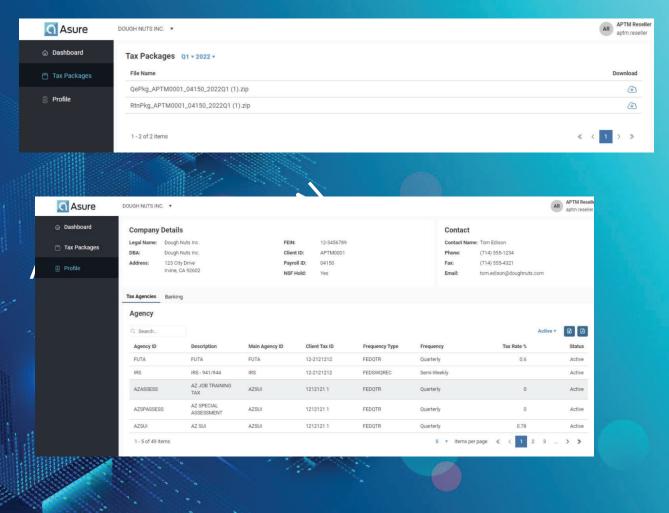


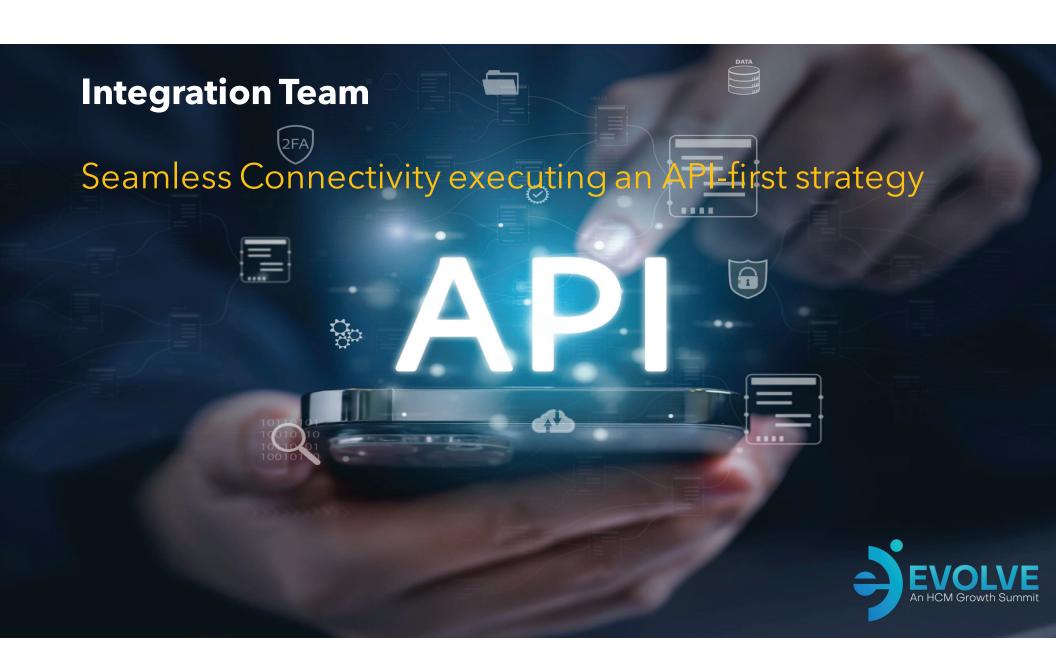












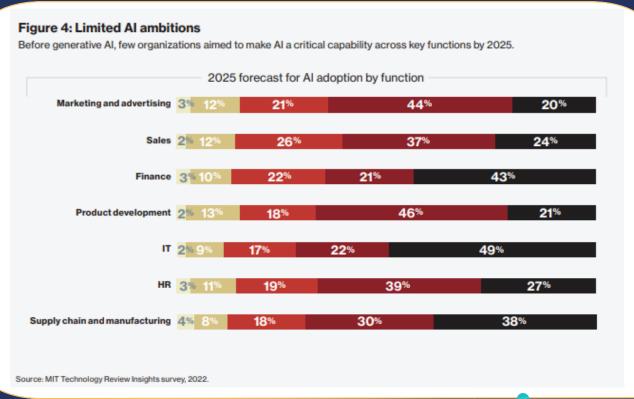
Artificial Intelligence everywhere, all at once

"We have aggregated data across a lot of different technologies over time, and I think what we're finding now is that the lakehouse has the best cost performance straight off."

Andrew Blyton, Vice President and Chief Information Officer, DuPont Water & Protection

"Typical databases are designed for only one type of data. Lakehouse allows us to move much quicker."

Owen O'Connell, Senior Vice President and Chief Information Officer (Information Digital Services and Operations), Shell

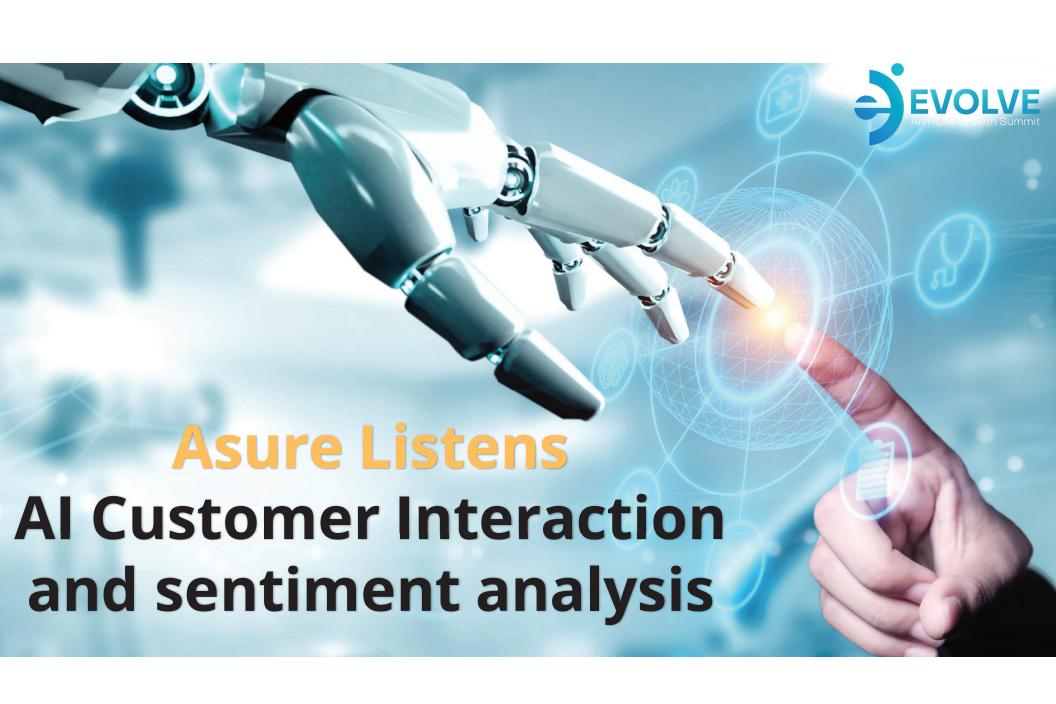




Artificial Intelligence Team

Empowering the Future with Al through Data Science and driving Al-powered innovation





Asure AI - Customer Support

AWS Transcribe for voice to text conversion: uses machine learning to convert audio to text

Al Based Sentiment Analysis – AWS Comprehend service – (NLP Service) – It analyzes text and extract insights such as sentiment, entities, key phrases, and more

Sentiment Labels: Positive, Negative, Neutral, Mixed, or Error

Customization: You can provide your own training data with sentiment labels to fine-tune the model according to your specific domain or use case.

API Integration: Amazon Comprehend's sentiment analysis can be accessed programmatically through its API, making it easy to integrate into applications and services.



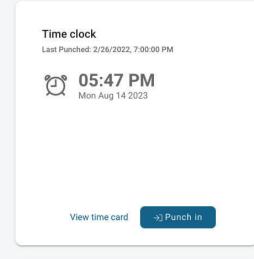
Asure AI Chat

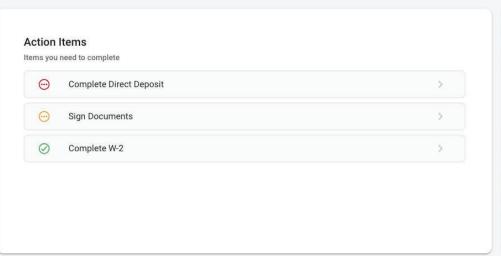


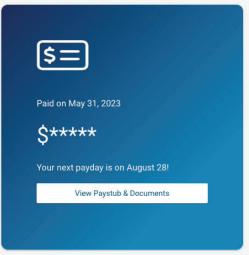


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Asure AI Payroll & Tax Assitant



Treasury System

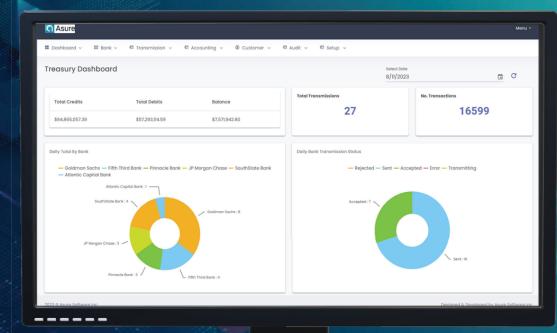


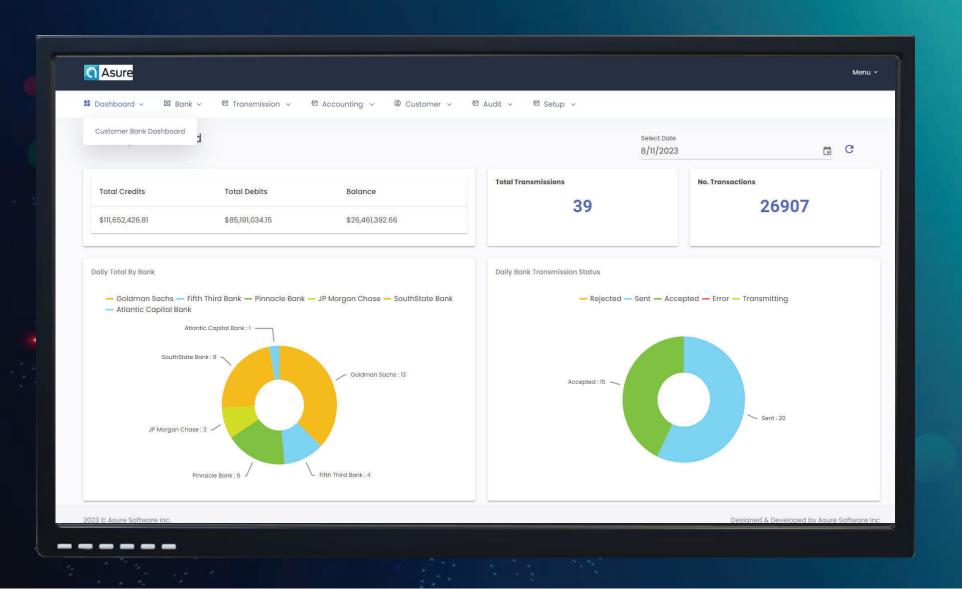
- Effortless Transmission
 Streamlined process to transmit fund securely
- Seamless Money Movement

 Experience the power of frictionless money movement
- Precise Account Reconciliation

 Bid farewell to the complexities of reconciling accounts across multiple systems
- Balance Sheet Management
 Gain unparalleled insights onto your financial health
- Customizable and Scalable
 Tailor the treasury system to fit you unique requirements
- User-Friendly Interface

 No need to be a financial expert to harness the power of our treasury system





ERTC and 941X

Automated solution for ERTC and 941X filings Time Savings, Accuracy, Scalability, Efficiency, Flexibility







Tax Credits App

File Import •--

Web app , API endpoint, or SFTP

☑ ERTC ∨ **Y** Status Y Error Message Quarter Sum Qualified wages x 50% and Calculated \$7,189.44 Pending Approval Credit amount are not equal. File: Upload 10055, Calc:10054.5. Amendments Qualified wages x 50% and Calculated Amendments \$4,833.75 Pending Approval Credit amount are not equal. File: Form 2848 10092, Calc:10091.5. Qualified wages x 50% and Calculated Schedule B Form 8821 Pending Approval Credit amount are not equal. File: 10175, Calc:10174.5. **IRS Transcripts** Qualified wages x 50% and Calculated \$5,522.66 Pending Approval Credit amount are not equal. File: 10175, Calc:10174.5.

Validation
Ensures
accuracy and
compliance

Data Exchange •

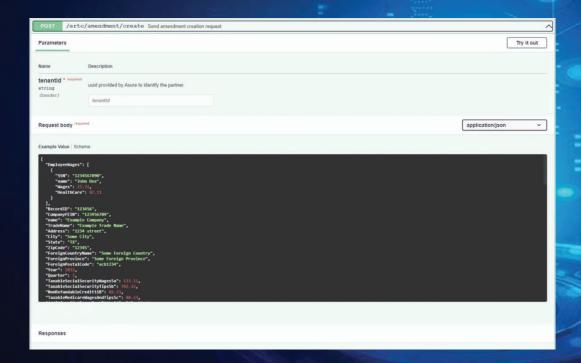
Close to real time data Transcript with IRS

Code T	Description T	Value T	Record Id T	Company Name 🔻	Status T
766	Credit Amount	(9165.45)	1000017322	Test Company	Pending Approval
846	Refund Issued Date	3/20/2023	1000017322	Test Company	Approved
291	Reduced or removed prior tax assessed Amount	(925.63)	1000017322	Test Company	Filed
766	Credit Date	7/1/2020	1000013677	Test Company	Completed
776	Interest credited to your account Date	3/20/2023	1000013677	Test Company	Error
776	Interest credited to your account	(989.20)	1000013677	Test Company	Rejected

Workflow Streamline review and approval processes

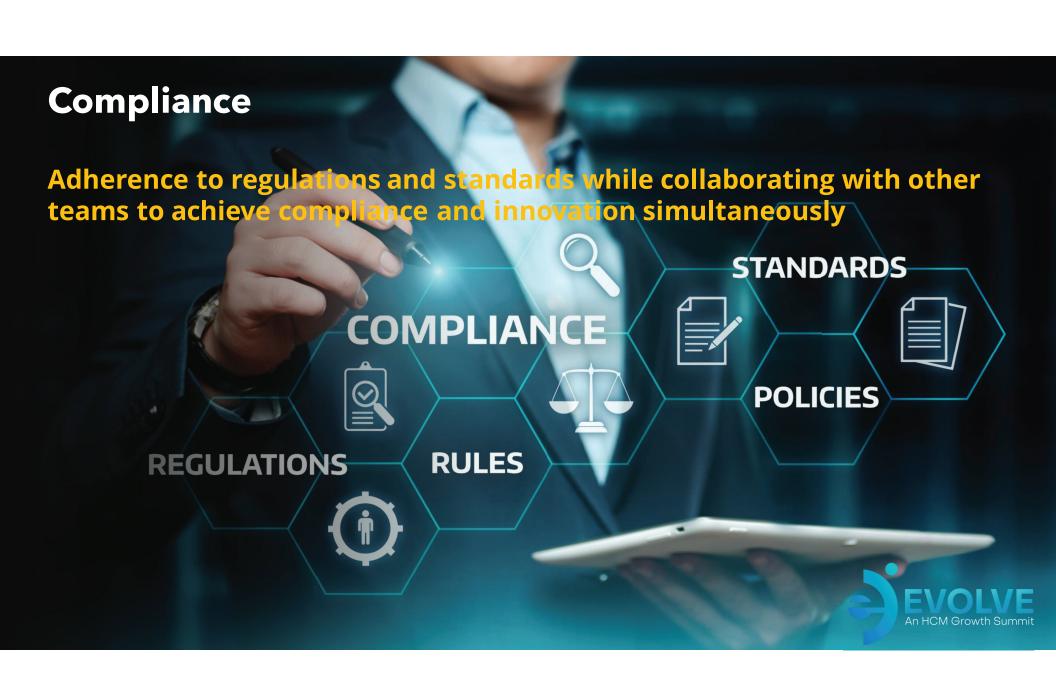


ERTC API



```
type: string
          example: 1234567890
         type: string
          example: John Doe
          example: 25.31
          example: 82.11
type: string
example: 123456
type: string
example: 123456789
type: string
type: string
example: Example Trade Name
type: string
example: 1234 street
type: string
example: Some City
type: string
type: string
example: 12345
type: string
```









Streamlining Development Processes

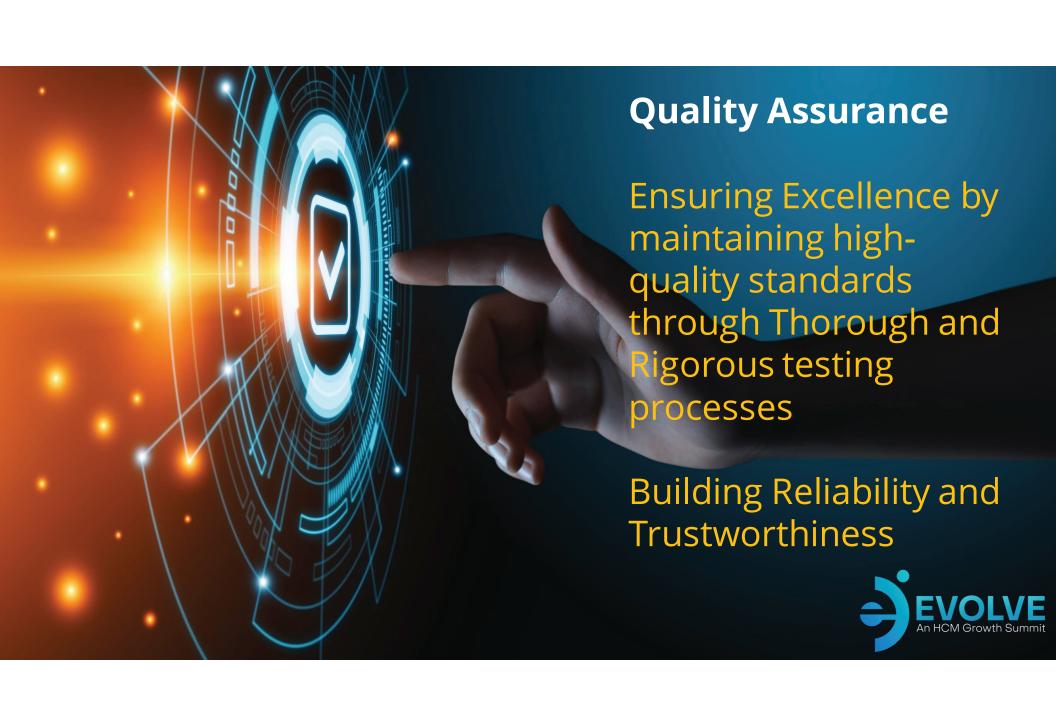
- Embedding Security Practices

Unlocking AsureIdentity & Cybersecurity in Payroll

Product Management

Translate the customer needs into innovative solutions, while maintaining a strong connection with compliance and quality







Thank You