

PPP Loan Forgiveness Processing Engine

PPP Loan Forgiveness Processing Engine is an AI powered intelligent document automation and rules reconciliation solution for lenders. It uses NLP, advanced machine comprehension, computer vision, machine learning & configurable rules to process forgiveness applications at scale and in a fraction of the time, while integrating with existing loan processing systems.

	Dista	a Identification Date Verifica	ation Rulos	A A
Modifast LFA0001234		ending data 0 Partially extracted		Utility- Electricity June 2020
O Utilitios	Total Utilit Amount	des \$3500 Borrower entere amount	^{sd} \$3500	KEESLER CUSTOMER NAME ACCOUNT HUMBER POWER Keeder 2/8 MARG 1860 0 Sept 2002
Electric	Gas Water Tel	ephone Internet		Service Address METRID Service Period Anaka Device Period Mathematics 11622681 9/12/2014 to 10/13/2014
File Name	LFA0001234_UTL0012 - 2019	LFA0001124_UTL0010 - 2020	LFAO	Acutes Driving 11621568 9/12/2014 to 10/13/2014 CONSUMPTION SUMMARY
Servico Address	Azlea Dining	Azlea Dining	Azlo	Previous Period Cost New Current Period Electrical Cost \$6,518,82 PY14 Goal Dectric \$6,815.05
Motor ID	11621683	11621683	• 11621	Current Punicid Gas Cost \$1,172.05 PT14 Goal Gas \$1,611.97 \$9,655.88
Service Period	09-09-2019 - 09-12-2019	09-01-2020 - 09-03-2020	09-	ELECTRICAL USAGE INFORMATION Meter Start 33454.3 Meter End 32103.6 Meter Amount 649.3 Multiplier 160
Current periodical electric usage	5148	5148	514	This Pariod Next Year Goal Total KWh Used 103888 83110.4
Previous period usage	3148	3148	3148	Average Daily Use 3351.2258 2680.9806 Days in Period 31 MMMD Ury Steel 354.2072414 281.3657931
Total period usage	\$2000	\$2000	\$20	Price per kWh S0.08
Motor Start	38410	38410	38	GAS USAGE INFORMATION Meter Start 5243300 Meter End 5493200 Meter Amount 249900
Multiplior	160	160	16	Multiplier 0.001 This Period Next Year Goal Total Inff Used 249.9 222.411
Total Rwh Used	103888	103888	10	Average Daily Use 7,8094 6.9503 Days in Period 32 32
Average daily use	7.8094	7.8094	7.8	MM8TU's Used 237,5469 229,305741 Price per mCt 54,55
				The above listed data is intended for use by Keeler ARB Squadrons and personnel for the purpose of tracking and reducing facility energy costs. For more information on energy conservation, contact the
Poss 100%		Total Electricity amount	t \$1000	KAFB Energy Management Office at 376-8697 or email at mailto keesler kbox energy Biss af mil
Payroll Cash		Poss	100%	PAE Keesler AFB ENERGY TEAR
Payroll Non Cash		Pass	100%	
a designed				Utility-Electricity July 2020
				KEELIED

The Challenge

Manual validation of PPP forgiveness applications will cost lenders millions of dollars & increase risk

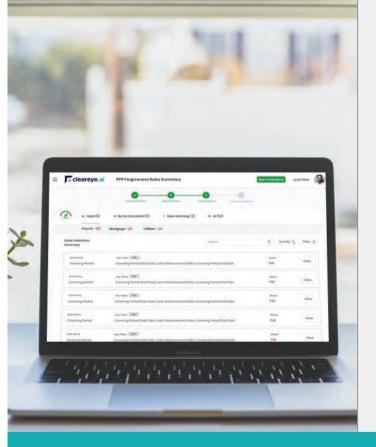
15 million hours will be spent by banks processing PPP loan forgiveness applications.

Up to 80% of the applications require multiple client outreaches.

Our Solution

What if you could automate PPP loan forgiveness, reducing processing time by up to 70%?

An AI powered digital solution to automate the ingestion of unstructured documents, reconciliation across forms & SBA rules. It accelerates & automates business decisions, reducing processing time by up to 70%.



Reduce Risks in Processing

Perform consistent and uniform checks for regulatory and audit compliance.

Speed & Scale

Process documents in seconds (not hours).

Better customer experience allowing banks to dedicate their scarce resources to value-add processing and customer service.

Implement in Days/Weeks

(not months). Pre-trained models & rules reconciliation engine specific to PPP loan forgiveness processing.

Immediate ROI

Tailored solution realizing immediate ROI with use-based pricing.

Improved Accuracy

With superior object detection and confidence scores for each document.

Handles structured, semi-structured, un-structured data.

Front Office Usability

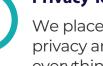
Simple to use, supports variety of document types, layouts enabling faster data training.

Deploy on-premise or on cloud. Integrate with existing systems.

No IT/back office personnel needed to train models.

The **Cleareye** difference Reduce Risk, Reduce Cost, Increase Throughput, Improve Accuracy – Now!

Privacy-led design



We place user protection, privacy and trust above everything else.

Access & retention controls further protect users & their data.



Use tech you already have

Integrate with your existing systems through APIs & create a single digital engine for your analysts.



Provides transparency

Complete auditability & traceability for every action performed.

Highlights discrepancies and calls out manual intervention needs.

≡ F clearey	e.al PPP Forg	iveness Rules Summary		Back to Work Banch Jack Pitter		
	(90	0			
Faile	d (5) @ Not As Ca	iculated (5) 🔹 Rules War	nings (3) 🔹 All	(50)		
PPP Forgivon	ss Rules Summar		_		×	
FFF Forgivene	ss kules summu	y			~	
Rule Description : I	Utility Eligible Amount	Reason for Discrepency		Calculation Steps		
Category : Non Pa	yroll	Partially included - payment of the covered period , But a	portion of the	Covering period : 8 weeks (56days)		
Key data Used for C	alculation	covered period falls with in t	he covered period	Covering period start date : 1/6/2020	1	
				Covering period end date : 27/7/2020 Billing period : 30days		
Key data	Borrower entered	I value Extracted Value	Eligible Value	Average daily expense : \$200		
		1/7/2020	1/7/2020	Utility eligible period : 27days Utility eligible amount = (average daily expense * Utility eligible period)	1	
Utility bill start date	1/7/2020	1/7/2020				
Utility bill start date	4.1	30/7/2020	27/7/2020	Utility eligible amount : \$5400		
	4.1		27/7/2020 \$5400	Utility eligible amount : \$5400		

A case study – How Cleareye.ai helped one of the large banks in the U.S?

The Context

The Paycheck Protection Program is a loan designed to provide direct incentive for small businesses to keep their workers on the payroll. SBA will forgive loans if all employee retention criteria are met, and the funds are used for eligible expenses. More than 5.2 million PPP loans worth \$525 billion were disbursed by 5400 lenders. Banks have 60 days to process the forgiveness application once the borrower submits their application.

The Problem

This bank in the mid-west, processed nearly 20,000 PPP loans and was estimated to spend millions processing the forgiveness applications. The high amount (up to 80%) of client outreach led to customer frustration while decreasing analyst productivity. The variances of expense proof (payroll, utility bills, mortgage statements etc.) made the verification process extremely time-consuming. The bank was not staffed to

The Solution

Cleareye.ai's advanced AI PPP loan forgiveness engine automated the ingestion of information from supporting documents (payslips, utility bills, mortgage/ rent statements), as well as reconciliation across forms and SBA rules. The engine accelerated and automated business decisions, reducing processing time by 50%. The application review process was more than 80% accurate. The analytics, dashboards and reporting enabled a healthier overall PPP process, reduced risks and provided full auditability for future needs.

The Breakthrough

- Near zero-touch extraction of information from unstructured documents
- Significant increase of analyst productivity & refocus on customer experience
- Intelligent rules engine
- Ease of training of new type of documents
- Smart labeling to extract unstructured data
- Confidence score to cater to risk tolerance thresholds

support the need.

The Benefit

- 50% operational cost savings
- Average processing time less than 30 minutes
- 100% compliance with 60 day regulation
- Implemented in 4 weeks with savings from day 1
- Improved accuracy in processing with uniformity and improved customer service

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Be ready for the wave of work coming now & be prepared for the future.

Delight customers & employees with a streamlined, efficient & accurate solution needed to thrive & reduce risk.



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