



Third Ray, Inc.

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SaaS platform: ThirdRayAI

<https://thirdray.ai>

**Helping enterprises automate their information and data pipelines
across documents, video & voice,
to streamline business processes and deliver actionable insights.**

Third Ray Platform

Secure, cloud-based, business documents, unstructured content and data analytics & low-code processing automation platform.

PLATFORM CORE

- DATA LAKE
- DATA PIPELINE
- USER MANAGEMENT
- SERVICE MANAGEMENT



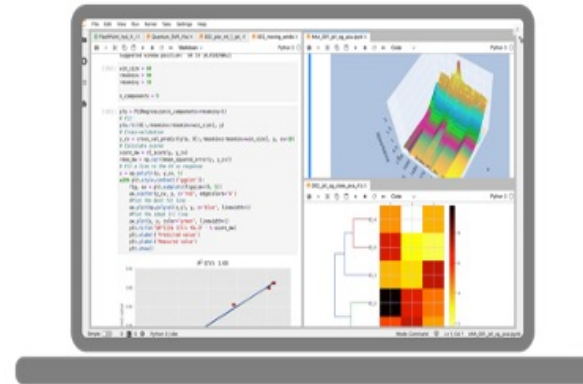
BI AND ANALYTICS

- DATA INGESTION
- VISUALIZATIONS
- EMBED AND SHARE



PREDICTIVE ANALYTICS

- ML DESIGN STUDIO
- MODEL SERVING
- DOCS, CONTENT & DATA

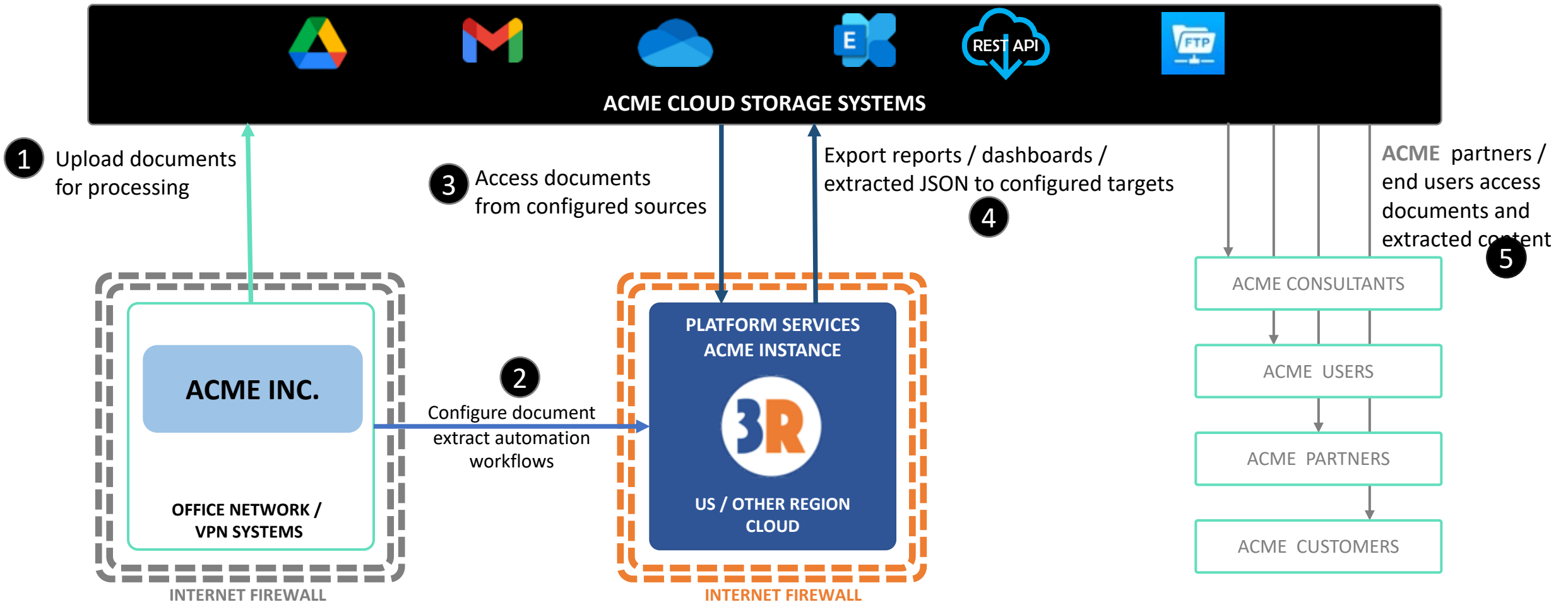


PROCESS AUTOMATION

- DATA PIPELINE DESIGN
- LOW CODE
- RUNTIME & MONITORING



Illustration - SaaS Configuration



A dedicated instance of ThirdRayAI SaaS can be made available for ACME INC., on their preferred Region cloud globally.

Demo – Platform – Dashboards / Hosted Apps



HA001 - E-Commerce Data Analysis

Refresh
Fullscreen
Back
More

3R

Heat Map – TM005 - Demo Visualizations

Workspace

- Hosted Apps
- Documents Extracts
- Templates
- Actions

2 days ago

TM009 - Demo Visualizations (Sankey)

2 days ago

TM008 - Demo Visualizations (Funnel)

Steps	Value	% Max	% Previous
Signed Up	16,890	100%	100%
View Product	12,691	75.14%	75.14%
Add to cart	8,154	48.28%	64.25%

TM010 - Demo Visualizations (Sunburst)

2 days ago

Help

Settings

Display a menu

Demo – Embedding Dashboards / Hosted Apps



The screenshot displays the THIRDRAY PLATFORM interface. At the top, there is a navigation bar with links for HOME, PRODUCT, FEATURES, RESOURCES, and BLOG. Below this, three main categories are highlighted: Time Series, Healthcare Diagnostics, and Interactive Visualization. The main dashboard area is titled 'HA003: Healthcare - Cancer Genomics Analysis' and contains several data visualizations:

- Total Patients – TD015: Cancer Genomics - Data Extract:** A large text display showing '2,499 Total Patients'.
- TD015: Cancer Genomics - Data Extract:** A scatter plot showing 'Mutation Count' on the y-axis (0 to 250) and 'Fraction Genome Altered' on the x-axis (0 to 1). The data points are purple dots, with a concentration at low mutation counts and low fraction genome altered.
- TM016: Demography Analysis (Gender):** A donut chart showing the distribution of patients by gender: Female (54.9%) and Male (45.1%).
- TM017: Pathological Analysis & Categorization (Cancer Type):** A horizontal bar chart showing the number of patients for different cancer types: Uterine Sarcoma, Soft Tissue Sarcoma, and Skin Cancer, Non-Melanoma.
- TM018: Patient's Vital Status:** A partially visible donut chart showing patient vital status.

Each chart includes a 'a day ago' refresh indicator. A 'Display a menu' button is visible in the bottom left corner of the dashboard area.

Demo – Importing Data



Document Processors

Import Domain Models Action Destinations

+ Configure Import

3RAdmin	Apache Drill Connector	AWS Athena Connector - Template	Axibase Time Series DB Connector	BigQuery Connector	
Configure Imports	Couchbase Connector	Databricks Connector	Druid	ElasticSearch Connector	
Custom ML Models	Google Analytics	Graphite Connector	GSheet Connector	Hive Connector	JIRA Connector
Custom Automation	Kibana Connector	Kusto Connector	MAQNIRS Sample	Metadata Access Adapter	MongoDB Connector
MS Exchange Connector	Prometheus Connector	RedShift Connector	ReST API Connector	RoachDB Connector	
Salesforce Connector	Sharepoint Connector	Snowflake Connector	SPARQL Connector	SQL Server	

Workspace
Create
Customize
Help
Settings
Display a menu

Demo – Machine Learning Service



The screenshot shows a Jupyter Notebook titled "LSTM Time Series Weather Forecasting" running on a Python 3 (ipykernel) environment. The notebook is divided into three sections: Imports, Loading data and Setting Paths, and Raw Data.

Imports

```
[51]: import tensorflow as tf
import os
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
```

Loading data and Setting Paths

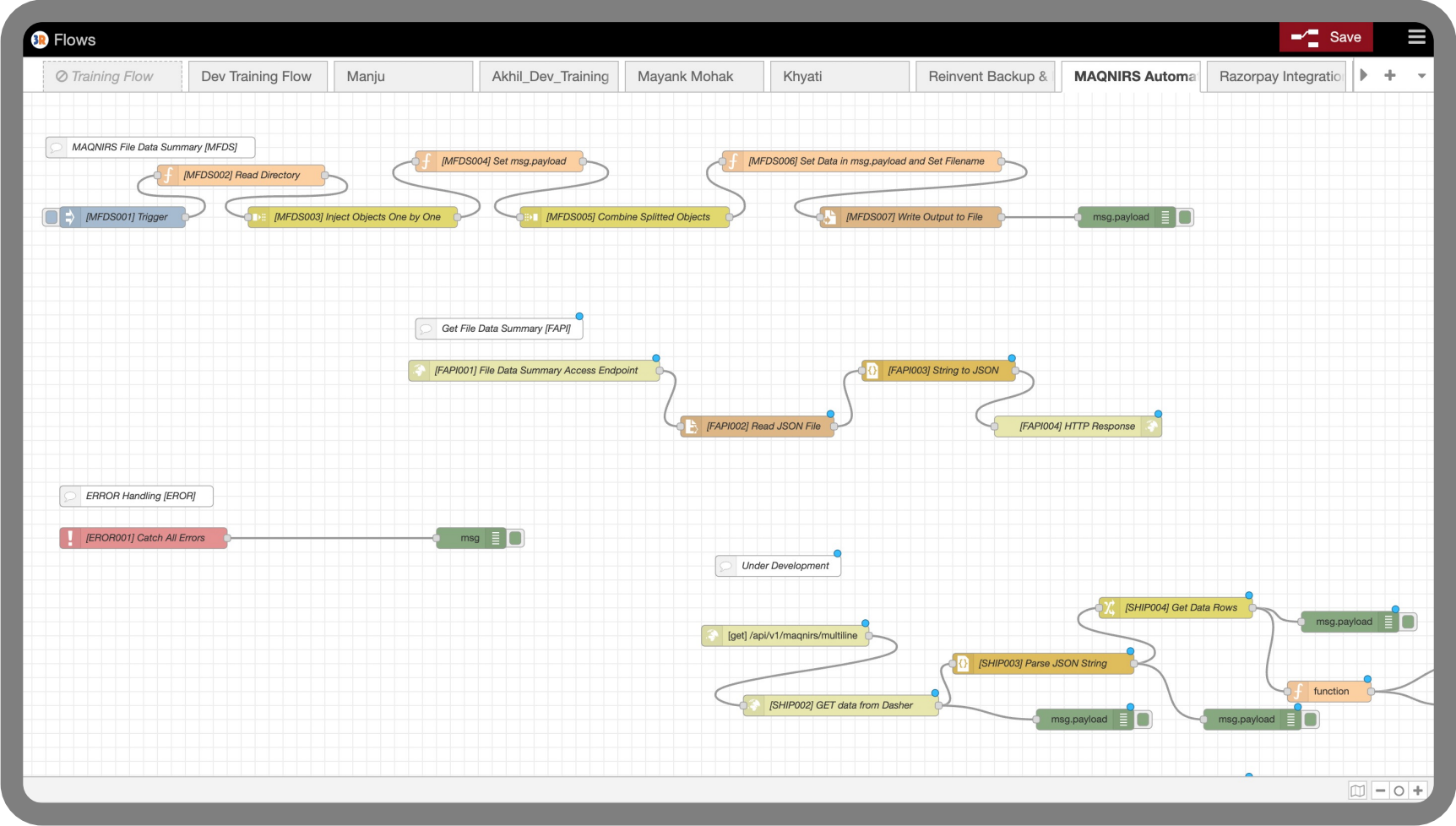
```
[33]: zip_path = tf.keras.utils.get_file(
origin='https://storage.googleapis.com/tensorflow/tf-keras-datasets/jena_climate_2009_2016.csv.zip',
fname='jena_climate_2009_2016.csv.zip',
extract=True)
csv_path, _ = os.path.splitext(zip_path)
MODEL_PATH = 'models/'
```

Raw Data

```
[34]: df = pd.read_csv(csv_path)
df
```

	Date Time	p (mbar)	T (degC)	Tpot (K)	Tdew (degC)	rh (%)	VPmax (mbar)	VPact (mbar)	VPdef (mbar)	sh (g/kg)	H2OC (mmol/mol)	rho (g/m**3)	wv (m/s)	max. wv (m/s)	wd (deg)
0	01.01.2009 00:10:00	996.52	-8.02	265.40	-8.90	93.30	3.33	3.11	0.22	1.94	3.12	1307.75	1.03	1.75	152.3
1	01.01.2009 00:20:00	996.57	-8.41	265.01	-9.28	93.40	3.23	3.02	0.21	1.89	3.03	1309.80	0.72	1.50	136.1
2	01.01.2009 00:30:00	996.53	-8.51	264.91	-9.31	93.90	3.21	3.01	0.20	1.88	3.02	1310.24	0.19	0.63	171.6

Demo – Flows – Low-code Automation



Thank you

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