श्रम एवं रोजगार मंत्रालय
Ministry of Labour & Employment

Ministry of Labour Success Story

e-Shram
Shramev Jayate
NATIONAL DATABASE OF UNORGANISED WORKERS

At a glance

The Ministry of Labour & Employment is one of the oldest and most important Ministries of the Government of India in order to protect and safeguard the interests of workers in general and those who constitute the poor, deprived, and disadvantaged sections of society. Ministry of Labour & Employment has developed an eShram portal for creating a National Database of Unorganized Workers (NDUW), which will be seeded with Aadhaar. It is the first-ever national database of unorganized workers, including migrant workers, construction workers, gig and platform workers, etc.

PROBLEM STATEMENT

The customer has 80 million unorganized worker data and had to verify the worker data with other systems like NPCI to validate if their bank account info was available & ESI system to know their latest employment status.

SOLUTION APPROACH

Data & Analytics assessment to identify data source, quality of data, load frequency, and volume of data processing required. G7 CR submitted a comprehensive report with solution design, architecture, and plan for implementation, including the cost of the solution.

Analytics Assessment — Data Platform on Azure — Data Sharing platform

CUSTOMER JOURNEY

Solution Assessment

G7 CR Carried out Analytics assessment, discerning key business requirements, building solution design on Azure, detailed architecture and TCO for the system

Deploy

G7 CR implemented, Datawarehouse & Analytical system on Microsoft Azure(Pipeline, Data Lake & Synapse for data processing, Power BI for reporting

Enhance

The customer now had to share this data with 3rd party agencies to process scheme benefits; G7 CR developed a Cloud Native application to share data via APIs & download (AKS, Elastic Search & Cosmos DB)

OUTCOME

The customer has been able to process the data of 10 million users and expose the data to authorized third-party agencies to process Government schemes with in 24 hours.

G7 CR Technologies

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