

Delivery PPT for new members

# Client Accounts

## **Tata Power Odisha**

GeoTwin-X – GIS based  
Asset and Work Order  
Management

## **Access Infinity**

Pricing, HTA &  
Evidence Library

## **Delphi TVS**

Invoice Automation

## **Roche**

EpiCX CRM  
Automation

## **Kirtane Pandit**

Invoice Digitization

## **Tata Communications**

Contract  
Digitization

## **Noon**

Utility Bill  
Automation

## **JUSDA**

Airway Bill & BOL  
Automation

## **Ideas to Impact**

Image Annotation  
Tool

## **Liberty**

Workflow & Task  
Management

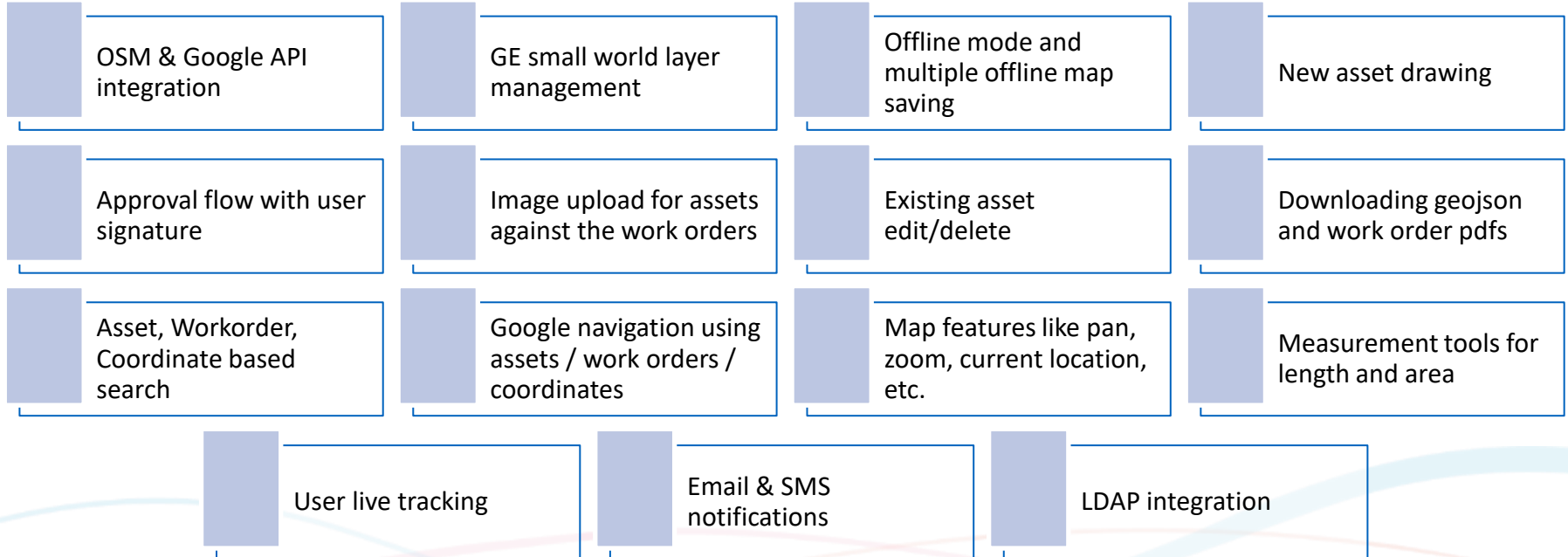
# Tata Power Odisha

## GeoTwin-X – GIS based Asset and Work Order Management

### Overview

- GeoTwinX mobile application automates the New connection, Sustenance and Maintenance work order processing
- The users can track and map the assets, task allocation to the user, ability to search, add, update and monitor the assets online as well as offline, with all validations taken care, which helps reduce the human errors and delays due to system unavailability with the mobile application
- The solution fetches the asset details from GIS in mobile application, which allows the field engineers to track and map the asset details available in their work area on mobile in real-time, which is immediately reflected on the map for everybody to consume.
- The GIBots solution integrates with the GE Small world using the GE Small world APIs to fetch the required details.

# GeoTwinX – High Level Features Delivered



- Users : 342
- Work Orders : 947
- Assets : 5562

Tata Power  
Western Odisha  
Limited

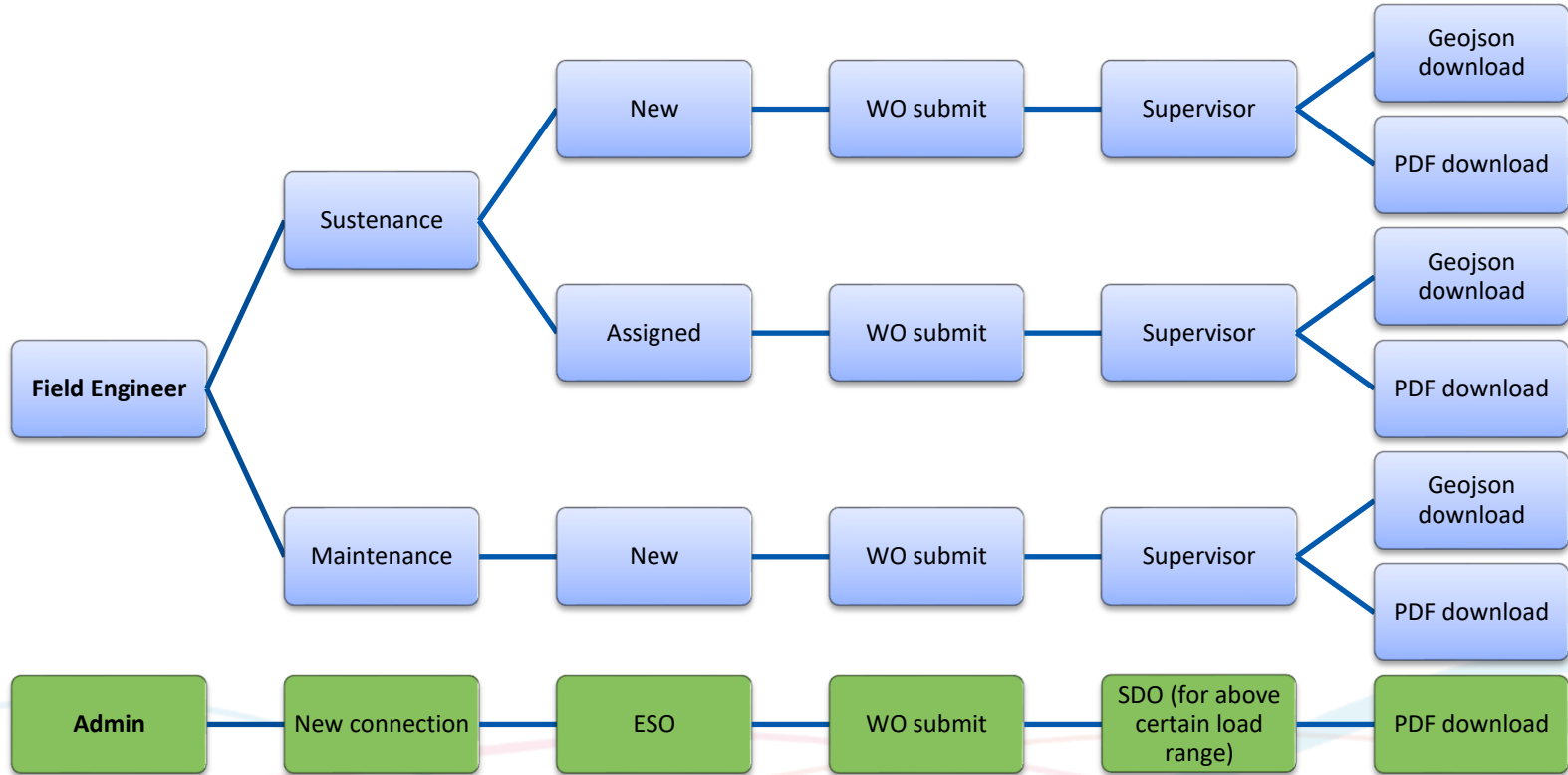
- Users : 417
- Work Orders : 2126
- Assets : 8884

Tata Power  
Northern Odisha  
Limited

- Users : 395
- Work Orders : 833
- Assets : 1328

Tata Power  
Southern Odisha  
Limited

# GeoTwinX - Workflow



# Asset details in the selected area

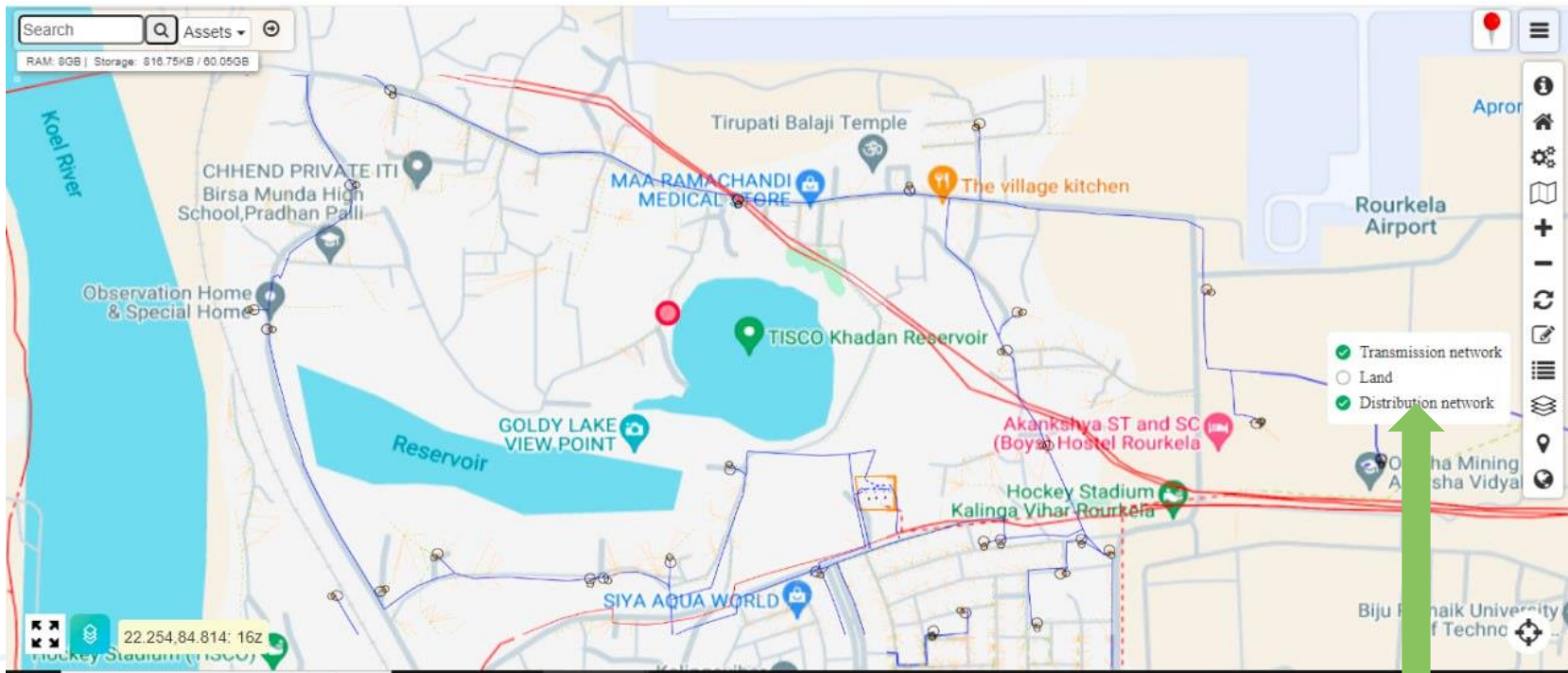


The screenshot displays a mobile application interface for asset management. At the top, there is a search bar with the text 'Assets' and a location indicator 'गोखलेनगर'. Below the search bar, system information is shown: 'RAM: 8GB | Storage: 681.49KB / 80.05GB'. The main area is a map of Pune, India, with several colored lines (red, green, blue) representing different asset segments. A white modal window titled 'Select Information' is overlaid on the map, containing a table with the following data:

Assets	Count	Length(Km)	Action
Pole	12	NA	<input type="checkbox"/>
Transformer Installation	3	NA	<input type="checkbox"/>
Meter	10	NA	<input type="checkbox"/>
Wire Segment	NA	107.52	<input type="checkbox"/>
Cable Segment	NA	102.4	<input type="checkbox"/>

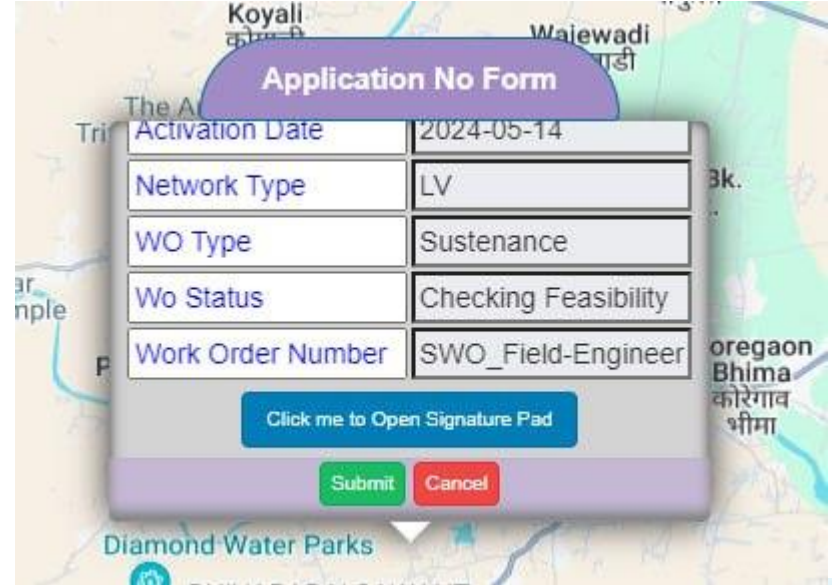
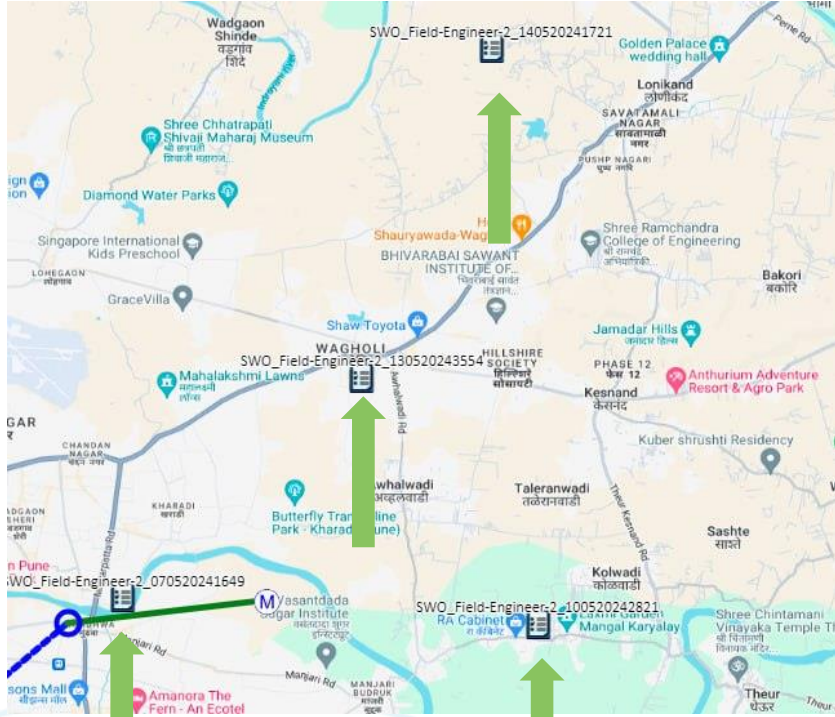
The map background shows various landmarks and streets in Pune, including 'University (MIT-WPU)', 'Kamala Nehru Park', 'Katakir Misal', 'Shree Swaraj Maharaj Temple Pune', 'Swargate Bus Station', 'Dattawadi', 'Mukund Nagar', 'Salisbury Park', and 'Mahadji Shinde Chhatra'. The bottom status bar shows the coordinates '18.521,73.877: 14z'.

# GE Small World Layers





# Work Orders



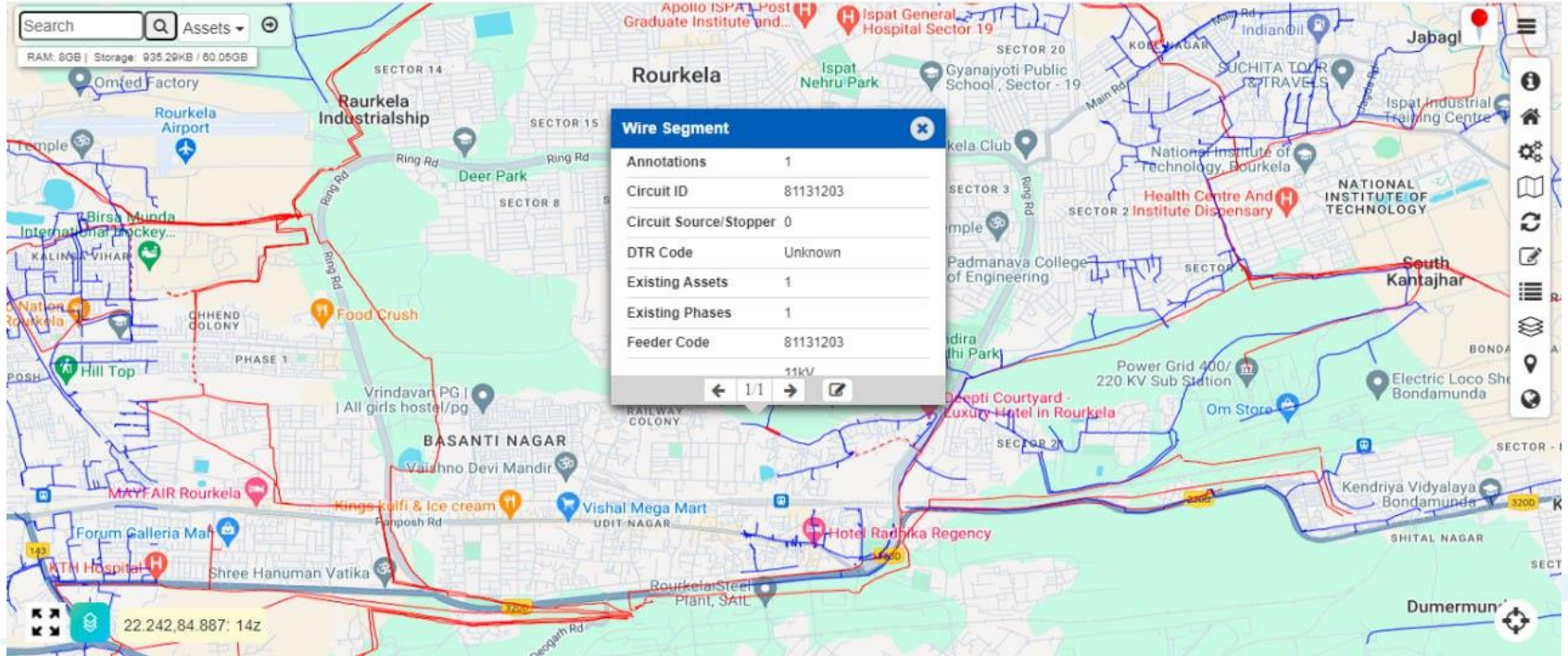
**Application No Form**

Activation Date	2024-05-14
Network Type	LV
WO Type	Sustenance
Wo Status	Checking Feasibility
Work Order Number	SWO_Field-Engineer

[Click me to Open Signature Pad](#)

[Submit](#) [Cancel](#)

# Asset Form



The screenshot displays a GIS application interface. At the top left, there is a search bar with the text 'Search' and a dropdown menu set to 'Assets'. Below the search bar, system information is shown: 'RAM: 8GB | Storage: 935.29KB / 60.05GB'. The main map area shows a detailed view of Rourkela, India, with various landmarks and infrastructure. A red line on the map represents a 'Wire Segment'. A data popup window is overlaid on the map, displaying the following information:

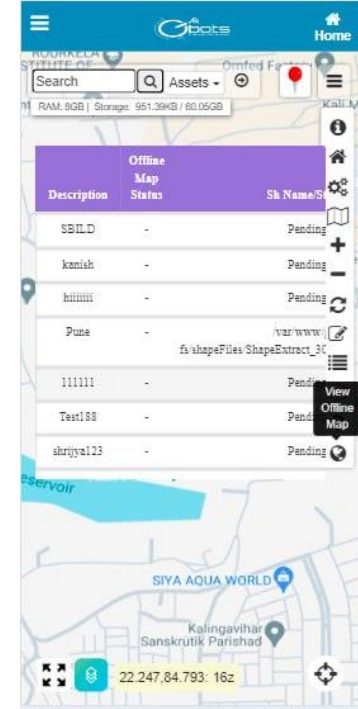
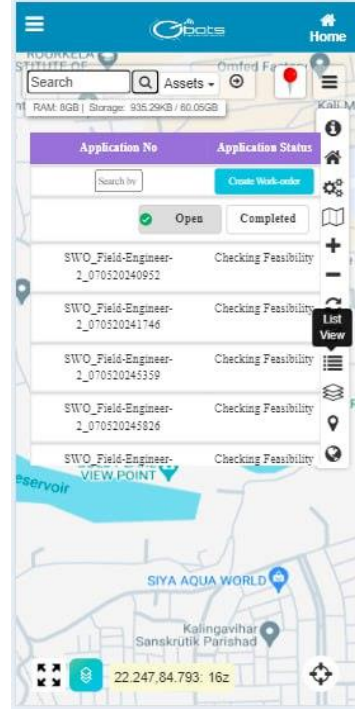
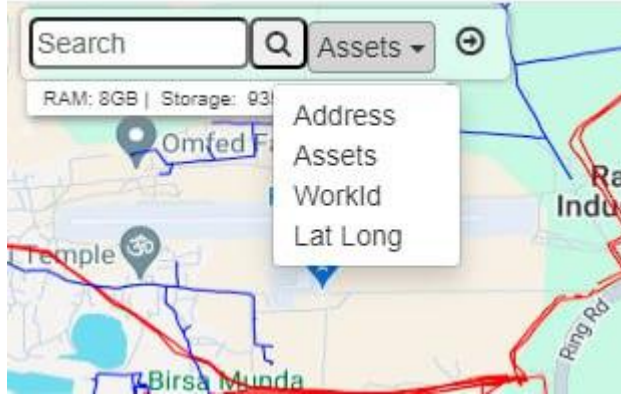
Wire Segment	
Annotations	1
Circuit ID	81131203
Circuit Source/Stopper	0
DTR Code	Unknown
Existing Assets	1
Existing Phases	1
Feeder Code	81131203

At the bottom of the popup, there are navigation controls: a left arrow, '1/1', a right arrow, and a refresh icon. The map background includes labels for 'Rourkela Industrialship', 'Basanti Nagar', 'South Kantajhar', and 'Dumermun'. Various icons for map navigation and information are visible on the right side of the interface.

# Measurement tools – Length, Area



# Search, Mobile View, Offline Map List



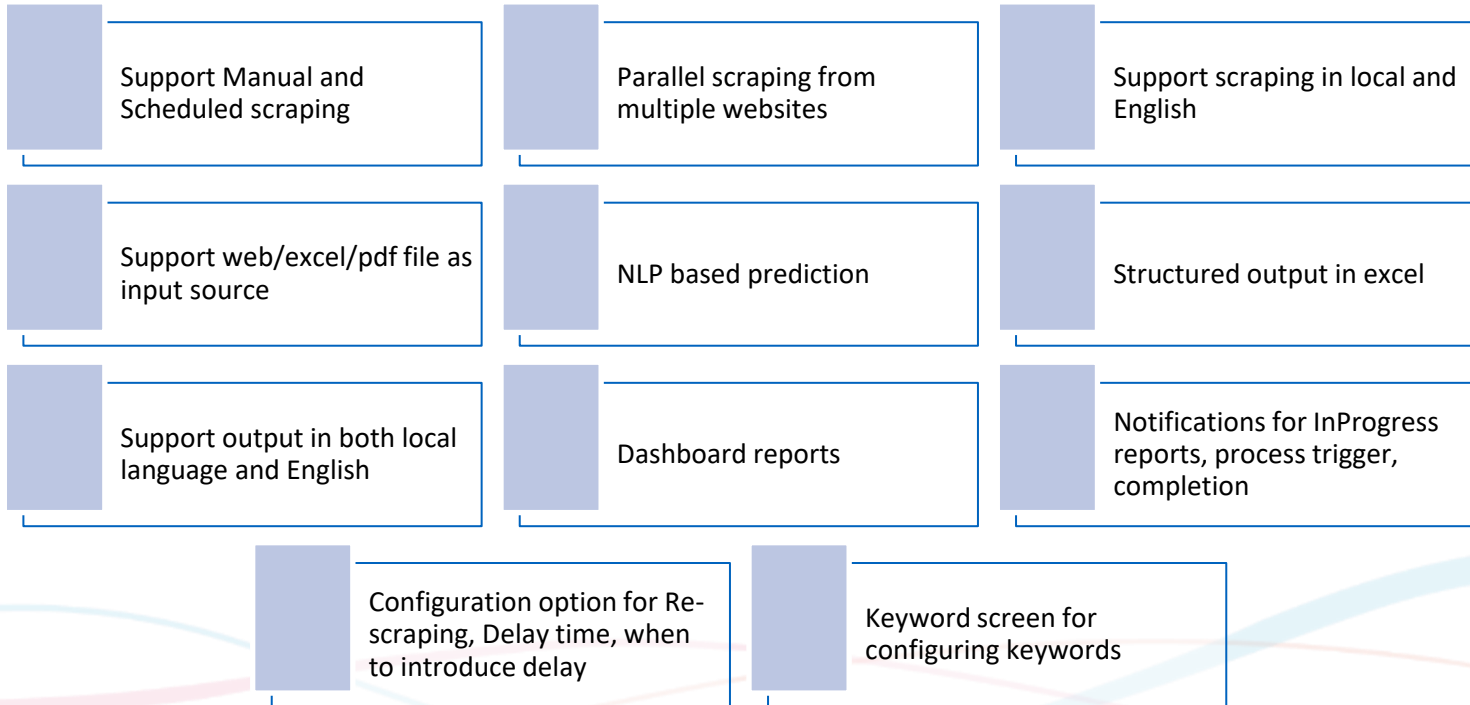
# Access Infinity

Pricing, HTA, Evidence Library

## Overview

- Pricing - Scraping of pricing information for various countries for the specified products from the source website in both local and English language and providing the data in a structured way in excel which is further used by the downstream system
- Health Technology Assessment - Scheduled auto-scraping of HTA information for various agencies from the source website in both local and English language and providing the output in a structured way in excel which is further used by the downstream system
- Evidence Library - Scheduled extraction of evidences from various publications, classification using NLP and providing the output in a structured way in excel which is further used by the downstream system

# Pricing, HTA, Evidence Library – High Level Features Delivered



# Pricing, HTA, Evidence Library – Usage

- Countries : 21
- Avg Products per Country per Month : ~ 4000
- Avg Scraping per Country per Month : ~ 40000
- Min Scraping Time : ~ 15 min
- Max Scraping Time : ~ 10 days
- Input Source : Website, Excel
- > 95% Accuracy

## Pricing

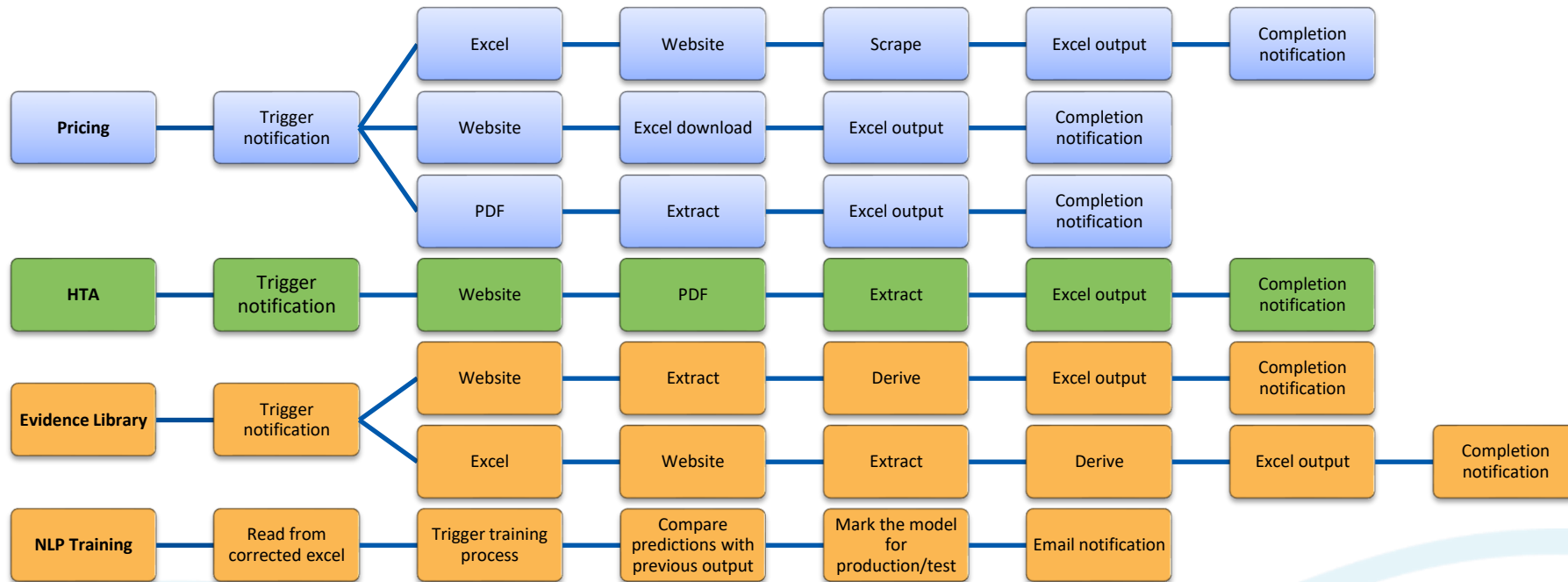
- Agencies : 11
- Avg Scraping per Agency per Month : ~ 30
- Avg Scraping Time : ~ 30 min
- Input Source : Website
- > 95% Accuracy

## HTA

- Products : 3
- Avg Extraction per Product per Month : ~ 30
- Avg Scraping Time : ~ 30 min
- Input Source : Website, Excel
- > 70% Accuracy

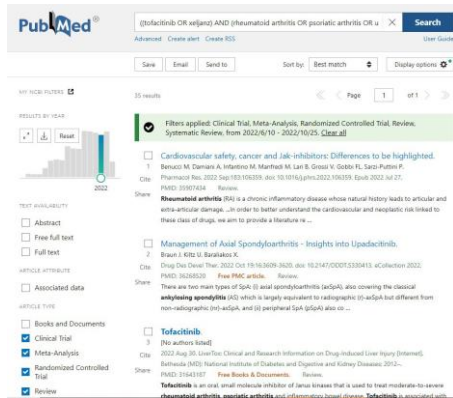
## Evidence Library

# Pricing, HTA, Evidence Library – Workflow





# Data scraping capability



PubMed search results for: (tofacitinib OR vedolizumab) AND (rheumatoid arthritis OR psoriatic arthritis OR u... Search

Filters applied: Clinical Trial, Meta-Analysis, Randomized Controlled Trial, Review, Systematic Review, from 2022/6/10 - 2022/10/25. Clear all

1 Cardiovascular safety, cancer and Jak-inhibitors: Differences to be highlighted. Benacci M, Damiani A, Infantino M, Manfredi M, Lari B, Grossi V, Gobbi F, Sardi Puttin P, Piro G, Sironi F. Review. PMID: 35907434

2 Rheumatoid arthritis (RA) is a chronic inflammatory disease whose natural history leads to articular and extra-articular damage... In order to better understand the cardiovascular and neoplastic risk linked to these class of drugs, we aim to provide a literature review...

3 Management of Axial Spondyloarthritis - Insights into Upadacitinib. Raza A, Koo J, Davalos R. Review. PMID: 3628820

4 Drug Use Devol Ther. 2022 Oct 19;16(20):2620. doi: 10.2196/162007.333413. eCollection 2022. PMID: 3628820

5 There are two main types of SAK: (i) oral spondyloarthritis (sAOP), also covering the classical ankylosing spondylitis (AS) which is largely equivalent to radiographic (rsAOP) but different from non-radiographic (nrAOP), and (ii) peripheral SpA (pSpA) also co...

6 Tofacitinib. (No authors listed). Review. PMID: 31643187

7 Tofacitinib is an oral small molecule inhibitor of Janus kinases that is used to treat moderate-to-severe rheumatoid arthritis, psoriatic arthritis, and Crohn's disease. Tofacitinib is associated with...

Búsqueda de IPTs  
2024/04

Fecha	Grupo	WV	Enfermedad	Título	Tipo
2024/04/29	L01	W3	Linfoma de Hodgkin	Informe de Posicionamiento Terapéutico de brentuximab vedotina (Adcetris®) para el tratamiento de pacientes adultos no tratados previamente con linfoma de Hodgkin (LH) CD30+ en estadio IV en combinación con doxorubicina, vinorelbina y dacarbazina (AVD) <a href="#">PDF</a>	<a href="#">PDF</a>
2024/04/29	-	W3	Chlamydiae	Informe de Posicionamiento Terapéutico de maribavir (Livdeno®) en el tratamiento de la infección y/o enfermedad por chlamydiae (CMV) que es refractaria (con o sin resistencia) a uno o más tratamientos previos en pacientes adultos que se han sometido a un trasplante de células madre hematopoyéticas (TCEM) o a un trasplante de órganos sólidos (TOS) <a href="#">PDF</a>	<a href="#">PDF</a>
2024/04/29	L01	W3	Coloepitelioma	Informe de Posicionamiento Terapéutico de fulbitasib (lytgotibi) en el tratamiento de pacientes adultos con coloepitelioma localmente avanzado o metastásico con fusión o reordenación del receptor del factor de crecimiento de fibroblastos 2 (FCRF2) que hayan progresado tras al menos una línea previa de tratamiento sistémico <a href="#">PDF</a>	<a href="#">PDF</a>
2024/04/29	-	W3	Endometriosis	Informe de Posicionamiento Terapéutico de relugolix/acetato de levonorgestrel de resistencia (Bylgot®) en el tratamiento sintomático de la endometriosis en mujeres con antecedentes de tratamiento médico o quirúrgico previo de su endometriosis <a href="#">PDF</a>	<a href="#">PDF</a>

Review | Pharmacol Res. 2022 Sep;183:106359. doi: 10.1016/j.phrs.2022.106359. Epub 2022 Jul 27.

## Cardiovascular safety, cancer and Jak-inhibitors: Differences to be highlighted

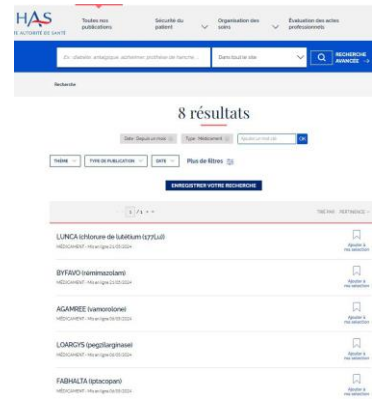
Mauricio Benacci<sup>1</sup>, Arianna Damiani<sup>2</sup>, Maria Infantino<sup>3</sup>, Mariangela Manfredi<sup>3</sup>, Barbara Lari<sup>3</sup>, Valentina Grossi<sup>3</sup>, Francesca Li Gobbi<sup>4</sup>, Piercarlo Sardi-Puttin<sup>3</sup>

Affiliations: 4 egsand  
PMID: 35907434 DOI: 10.1016/j.phrs.2022.106359

### Abstract

Rheumatoid arthritis (RA) is a chronic inflammatory disease whose natural history leads to articular and extra-articular damage. Both cardiovascular risk and malignancy risk results higher in RA patients, compared to general population. Janus kinase inhibitors (JAKi) are oral targeted synthetic disease modifying antirheumatic drugs (sDMARDs) that disrupt cytokine cascade and exert anti-inflammatory effects by interfering with signaling through the JAK-STAT intracellular pathways. A recent RCT comparing tofacitinib 5 mg twice daily, tofacitinib 10 mg twice daily and anti-TNF in rheumatoid arthritis demonstrated an increased risk of MACE HR 1.33 and cancer HR 1.49 at a follow-up of 4 years. This has led the FDA to class warnings for tofacitinib, baricitinib and upadacitinib. Cumulative RCT data, RCT extension data demonstrated a safety profile for Jak inhibitors. Conflicting data results from real life registries: the different selectivity for JAKs (JAK1, JAK2, JAK3 and Tyk2) probably determines differences in efficacy and safety profiles among the members of this group which should actually be evaluated. In order to better understand the cardiovascular and neoplastic risk linked to these class of drugs, we aim to provide a literature review on existing evidence of the safety of Jak-inhibitors in rheumatoid arthritis.

**Keywords:** Baricitinib; Cancer; Cardiovascular events; Filgotinib; Tofacitinib; Upadacitinib.



HAS 8 résultats

1 LUNCA (Lifonore de Lubolim 027548) [Ajouter à mes favoris](#)

2 BYFARO (bismacitinib) [Ajouter à mes favoris](#)

3 AGAMREE (bismacitinib) [Ajouter à mes favoris](#)

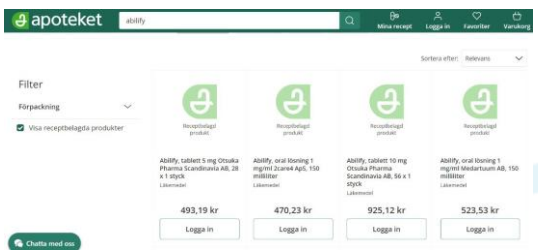
4 LOAROV (pegaptanib) [Ajouter à mes favoris](#)

5 FABIHALTA (fingolimod) [Ajouter à mes favoris](#)

### 新医薬品の薬価算定について

整理番号 24-0-5-内-1

薬効分類	内210 その他の循環器器用薬 (内用薬)																									
成分名	サクビトリルバルサルタンナトリウム水和物																									
新薬記載希望者	ノバルティスファーマ (株)																									
販売名 (規格単位)	エンレスト錠 小児用 1.2.5 mg (1.2.5 mg 1 錠) エンレスト錠 小児用 3.1.2.5 mg (3.1.2.5 mg 1 錠)																									
効能・効果	慢性心不全 通常、1歳以上の小児には、サクビトリルバルサルタンとして下表のとおり体重に応じた開始用量を1日2回経口投与する。忍容性が認められる場合は、2～4週間の間隔で段階的に目標用量まで増量する。なお、忍容性に応じて適宜減量する。																									
主な用法・用量	小児における用量表 (1回投与量) <table border="1"> <thead> <tr> <th>体重</th> <th>開始用量</th> <th>第1増用量</th> <th>第2増用量</th> <th>目標用量</th> </tr> </thead> <tbody> <tr> <td>40kg未満</td> <td>0.8mg/kg</td> <td>1.6mg/kg</td> <td>2.3mg/kg</td> <td>3.1mg/kg</td> </tr> <tr> <td>40kg以上</td> <td>0.8mg/kg</td> <td>50mg</td> <td>100mg</td> <td>150mg</td> </tr> <tr> <td>50kg未満</td> <td>0.8mg/kg</td> <td>50mg</td> <td>100mg</td> <td>150mg</td> </tr> <tr> <td>50kg以上</td> <td>50mg</td> <td>100mg</td> <td>150mg</td> <td>200mg</td> </tr> </tbody> </table>	体重	開始用量	第1増用量	第2増用量	目標用量	40kg未満	0.8mg/kg	1.6mg/kg	2.3mg/kg	3.1mg/kg	40kg以上	0.8mg/kg	50mg	100mg	150mg	50kg未満	0.8mg/kg	50mg	100mg	150mg	50kg以上	50mg	100mg	150mg	200mg
体重	開始用量	第1増用量	第2増用量	目標用量																						
40kg未満	0.8mg/kg	1.6mg/kg	2.3mg/kg	3.1mg/kg																						
40kg以上	0.8mg/kg	50mg	100mg	150mg																						
50kg未満	0.8mg/kg	50mg	100mg	150mg																						
50kg以上	50mg	100mg	150mg	200mg																						
算定方式	規格間調整																									
比較薬	成分名：サクビトリルバルサルタンナトリウム水和物 会社名：ノバルティスファーマ (株) 販売名 (規格単位) 薬価 (1日薬価) エンレスト錠 2.0 mg (2.0 mg 1 錠) 171.10円 エンレスト錠 3.0 mg 及び 100mg 1.0 mg の (342.20円)																									



apoteket Abily

Filter: Förpackning

Visa receptbelagda produkter

Product	Price	Action
Abily, tablet 5 mg Orsaka Pharma Scandinavia AB, 28 x 1 stick Lämnat	493,19 kr	Logga in
Abily, oral lösning 1 mg/ml Orsaka Pharma Scandinavia AB, 100 milliliter Lämnat	470,23 kr	Logga in
Abily, tablet 10 mg Orsaka Pharma Scandinavia AB, 56 x 1 stick Lämnat	925,12 kr	Logga in
Abily, oral lösning 1 mg/ml Orsaka Pharma Scandinavia AB, 100 milliliter Lämnat	523,53 kr	Logga in

Chatta med oss

# Reports

**13**  
Processed Count - USA

**14.21K**  
Processed Count SwedenTLV

**30.21K**  
Processed Count - UK

**5.6K**  
Processed Count - AUS NEFC

**5.74K**  
Processed Count - Canada\_Ontario

**28.6K**  
Processed Count - Brazil

**4.56K**  
Processed Count - France\_UCD

**572**  
Processed Count - South\_Korea

**7.84K**  
Processed Count - Franco\_CJP

**175**  
AusEFC Pricing Totalcount

**323**  
Processed Count - Canada EAP

**9.61K**  
Processed Count - JAPAN

Discontinued Product List\_AUS\_EFC

Product	Brand Name	Company	Country	Active Ingredient	Previous Manufacturer Price	Previous Wholesale Price	Previous Retail Price	Previous Scrap Date
4502V IP OD Medication (Accrete) 1 g/10 mL Injection, 10 mL, vial	Methotrexate Accord	Accord Healthcare Pty Ltd	AUSTRALIA	Methotrexate	37.67			26/12/2023, 09:52:34
4502V IP BZ Methotrexate (Eliquis) 5 g/30 mL Injection, 30 mL, vial	Methotrexate Eliquis	Randox Pty Ltd	AUSTRALIA	Methotrexate	188.38			26/12/2023, 09:52:34

Price Change List Canada, Ontario

Product	Previous Brand Name	Current Brand Name	Previous Company	Current Company	Country	Previous Manufacturer Price	Current Manufacturer Price	Previous Retail Price	Current Retail Price	Price Why
00243602	Bingular	Bingular	Organon Canada Inc.	Organon Canada Inc.	CANADA ONTARIO	1.680	1.600	1.810	1.730	1.81
00300273	Invega	Invega	Janssen Inc.	Janssen Inc.	CANADA ONTARIO	4.340	3.980	4.690	4.300	4.61
00300281	Invega	Invega	Janssen Inc.	Janssen Inc.	CANADA ONTARIO	5.960	6.490	6.440	7.010	6.41
02243797	Parlet	Parlet	Janssen Inc.	Janssen Inc.	CANADA ONTARIO	2.990	3.190	3.160	3.460	3.11

No. of Records Scraped for Drug

Drug	End Period	Start Period
tofacitinib OR vedolizumab	31-03-2023	01-03-2023
tofacitinib OR vedolizumab	31-03-2023	01-03-2023
tofacitinib OR vedolizumab	20-04-2023	31-03-2023
tofacitinib OR vedolizumab	25-04-2023	31-03-2023
tofacitinib OR vedolizumab	2023-04-26	31-03-2023
tofacitinib OR vedolizumab	15-05-2023	25-04-2023
tofacitinib OR vedolizumab	16-05-2023	10-05-2023
tofacitinib OR vedolizumab	01-06-2023	16-05-2023
tofacitinib OR vedolizumab	15-06-2023	01-06-2023

Publication Detailed Report

Drug	End Period	Start Period	Additional Link Count	No of Pubmed results	No of publications processed	Duplicates	Search String
tofacitinib OR vedolizumab	31-03-2023	01-03-2023	10	46	40	0	(tofacitinib OR vedolizumab OR "JAK inhibitor") AND (rheumatoid arthritis OR psoriatic arthritis OR ulcerative colitis OR ankylosing spondylitis OR juvenile idiopathic arthritis)
tofacitinib OR vedolizumab	31-03-2023	01-03-2023	10	48	55	0	(tofacitinib OR vedolizumab OR "JAK inhibitor") AND (rheumatoid arthritis OR psoriatic arthritis OR ulcerative colitis OR ankylosing spondylitis OR juvenile idiopathic arthritis)
tofacitinib OR vedolizumab	20-04-2023	31-03-2023	10	35	45	0	(tofacitinib OR vedolizumab OR "JAK inhibitor") AND (rheumatoid arthritis OR psoriatic arthritis OR ulcerative

New Product List Canada, Ontario

Product	Country	Company	Brand Name	Active Ingredient	Current Manufacturer Price	Current Retail Price	Current Wholesale Price	Previous Scrap Date	Cur Scrap
00240333	CANADA ONTARIO	AstraZeneca	Zosif	Lisinopril	0.58	0.63	0.63	06/01/2024, 07:37:25	04/03, 22:46
00249384	CANADA ONTARIO	AstraZeneca	Zosif	Lisinopril	0.83	0.90	0.90	06/01/2024, 07:37:25	04/03, 22:46
00249376	CANADA ONTARIO	AstraZeneca	Zosif	Lisinopril	0.69	0.75	0.75	06/01/2024, 07:37:25	04/03, 22:46

Discontinued Product List\_Canada, Ontario

Product	Brand Name	Country	Company	Active Ingredient	Previous Manufacturer Price	Previous Wholesale Price	Previous Retail Price	Previous Scrap Date	Cur Scrap
00281392	Novo-tamsulosin SR	CANADA ONTARIO	Novopharm Ltd	Tamsulosin HCl	0.24	0.26	0.26	06/01/2024, 07:37:25	04/03, 22:46
00294055	Ratio-tamsulosin	CANADA ONTARIO	Ratiopharm Inc.	Tamsulosin HCl	0.15	0.16	0.16	06/01/2024, 07:37:25	04/03, 22:46
06657334	Ratio-tamsulosin	CANADA ONTARIO	Ratiopharm Inc.	Tamsulosin HCl	0.15	0.16	0.16	06/01/2024, 07:37:25	04/03, 22:46

Publication Scraping Status

Drug Name	End Period	Start Period	Url	Source
tofacitinib OR vedolizumab	31-03-2023	01-03-2023	https://pubmed.ncbi.nlm.nih.gov/36600185/	pubmed
tofacitinib OR vedolizumab	31-03-2023	01-03-2023	https://pubmed.ncbi.nlm.nih.gov/36790724/	pubmed
tofacitinib OR vedolizumab	31-03-2023	01-03-2023	https://pubmed.ncbi.nlm.nih.gov/36629936/	pubmed
tofacitinib OR vedolizumab	31-03-2023	01-03-2023	https://pubmed.ncbi.nlm.nih.gov/36876333/	pubmed
tofacitinib OR vedolizumab	31-03-2023	01-03-2023	https://pubmed.ncbi.nlm.nih.gov/36913180/	pubmed
tofacitinib OR vedolizumab	31-03-2023	01-03-2023	https://pubmed.ncbi.nlm.nih.gov/36465145/	pubmed

Publications Not Scraped

No Data Found							

# Delphi TVS

## Invoice Automation

### Overview

- Delphi invoice automation solution reads the barcode from the account payable invoice documents and accordingly puts it into the right queues for the respective users to take further action like approving the invoice or marking the invoice as rejected or sending it for rescan, etc.
- The automation enables the users to approve the invoices in bulk as well
- The queues are visible to only the rightful users based on the permissions
- The approved files are available for future retrieval again based on permissions

# Invoice Automation – High Level Features Delivered

Barcode validation

Support multiple invoices in single pdf

Provision for bulk approval

Manual & Scheduled upload

User & Role management

Permission based queue management

Permission based DMS management

Dashboard reports

# Invoice Automation – Usage

- ~1.9 Lakh

Total documents  
processed

- ~3.5 Lakh

Total pages  
processed

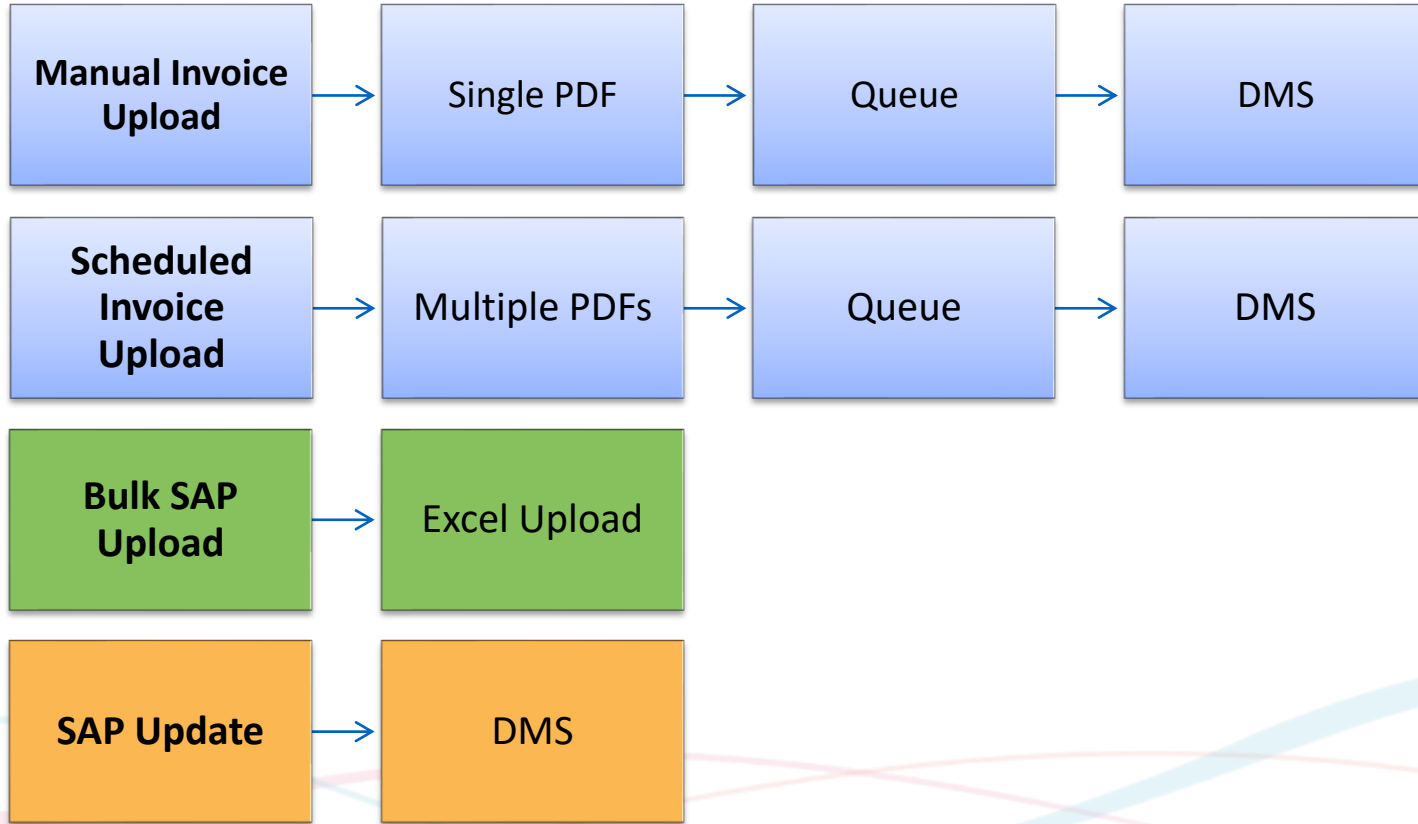
- ~ 33K  
documents

Avg monthly  
processing

- > 99 %

Accuracy

# Invoice Automation - Workflow







## Document List

Documents

NON\_PO

PO

01\_DIRECT

03\_SUBCONTRACT

02\_INDIRECT

04\_IMPORTS

05\_SALES\_REJECTION

06\_OTHERS\_NOT\_FOR\_PAYMENT

Exception

Delphi\_document -



Select Document -

Advance Search

Clear Filter



Action	Name	Uploader	Created Date	Updated Date	Location	Scan Date	Gate Entry No	SAP Reference N	Approve Name
<input type="checkbox"/>	20240529_193227_95_95.pdf	Admin	31/05/2024 4:19:45 PM	31/05/2024 4:19:45 PM	Oragadam	05/31/2024, 04:19:42 PM	3240009538	2429018252	L.ARTHI
<input type="checkbox"/>	20240529_193227_1_1.pdf	Admin	31/05/2024 4:18:07 PM	31/05/2024 4:18:07 PM	Oragadam	05/31/2024, 04:18:04 PM	3240009503	2429018251	L.ARTHI
<input type="checkbox"/>	20240528_144128_138_138.pdf	SATHYABRAMMA	31/05/2024 4:16:52 PM	31/05/2024 4:16:52 PM	Oragadam	05/31/2024, 04:16:49 PM	3240009502	2429018250	L.ARTHI
<input type="checkbox"/>	20240528_144128_89_89.pdf	SATHYABRAMMA	31/05/2024 4:15:06 PM	31/05/2024 4:15:06 PM	Oragadam	05/31/2024, 04:15:03 PM	3240009454	2429018248	L.ARTHI
<input type="checkbox"/>	20240528_144128_87_87.pdf	SATHYABRAMMA	31/05/2024 4:12:52 PM	31/05/2024 4:12:52 PM	Oragadam	05/31/2024, 04:12:49 PM	3240009452	2429018245	L.ARTHI
<input type="checkbox"/>	20240528_144128_84_84.pdf	SATHYABRAMMA	31/05/2024 4:11:49 PM	31/05/2024 4:11:49 PM	Oragadam	05/31/2024, 04:11:46 PM	3240009449	2429018244	L.ARTHI
<input type="checkbox"/>	20240528_144128_77_77.pdf	SATHYABRAMMA	31/05/2024 4:10:45 PM	31/05/2024 4:10:45 PM	Oragadam	05/31/2024, 04:10:42 PM	3240009442	2429018242	L.ARTHI
<input type="checkbox"/>	20240528_144128_76_76.pdf	SATHYABRAMMA	31/05/2024 4:09:26	31/05/2024 4:09:26	Oragadam	05/31/2024, 04:09:23	3240009441	2429018241	L.ARTHI



# Reports

Last Updated :  
31/05/2024 18:29



No. of Pages Processed Per Month

ProcessYear	ProcessMonth	ProcessWeek	Processed Pages	Invoice Count
2024	5	19	5205	2113
2024	5	18	4453	1357
2024	5	22	11984	5057
2024	5	21	18783	5951
2024	5	20	19521	7537
2024	4	17	13042	3357
2024	4	14	13745	3811
2024	4	15	16828	5685
2024	4	16	13135	6687

Bulk Sap Update Report

Top_Barcode	Invoice_Type	Bottom_Barcode	Location	Financial_Year	Gate_Entry_No	Scan_Date	ScanTime	SAP_Reference_Number	sap_update_date	sap_up
D12400575	NPO	01	Mannur	2024	12400575	29/05/2024	05:12:42 PM	2415001501	31/05/2024	16:03:0
D12400571	NPO	01	Mannur	2024	12400571	29/05/2024	05:12:10 PM	2415001495	31/05/2024	16:03:0
D12400574	NPO	01	Mannur	2024	12400574	29/05/2024	05:12:24 PM	2415001499	31/05/2024	16:03:0
D12400572	NPO	01	Mannur	2024	12400572	29/05/2024	05:11:56 PM	2415001496	31/05/2024	16:02:4
D12400573	NPO	01	Mannur	2024	12400573	29/05/2024	05:12:05 PM	2415001497	31/05/2024	16:02:4
D12400554	NPO	01	Mannur	2024	12400554	29/05/2024	05:11:47 PM	2415001471	31/05/2024	16:02:4


Details of Invoice Rejected Report

Top_Barcode	Invoice_Type	Bottom_Barcode	Location	Financial_Year	Gate_Entry_No	Scan_Date	ScanTime
D3230060169	PO	01	Oragadam	2023	3230060169	06/04/2024	10:50:54 AM
D1230026003	PO	04	Mannur	2023	1230026003	27/12/2023	10:22:25 AM
D32307832	NPO	02	Oragadam	2023	32307832	27/12/2023	09:18:44 AM
D32302185	NPO	01	Oragadam	2023	32302185	17/02/2024	09:17:43 AM
D32302145	NPO	01	Oragadam	2023	32302145	02/01/2024	04:11:38 PM
D32302106	NPO	01	Oragadam	2023	32302106	02/01/2024	04:11:18 PM
D32302151	NPO	01	Oragadam	2023	32302151	02/01/2024	04:10:45 PM
D32302083	NPO	01	Oragadam	2023	32302083	26/12/2023	03:30:43 PM
D32314556	NPO	04	Oragadam	2023	32314556	22/04/2024	03:23:45 PM

Details of Invoice Pending Report

Top_Barcode	Invoice_Type	Bottom_Barcode	Location	Financial_Year	Gate entry No	Scan_Date	ScanTime	Page Count	Assigned to	Converted
D32400091	NPO	01	Oragadam	2024	32400091	11/04/2024	12:59:51 PM	4	A.KAVIYA.A.KAVIYA.A.KAVIYA.A.M.JARASU	11-04-202
D3240006897	PO	02	Oragadam	2024	3240006897	14/05/2024	12:59:15 PM	2		14-05-202
D32302126	NPO	01	Oragadam	2023	32302126	08/01/2024	12:57:40 AM	12	A.KAVIYA.A.KAVIYA.A.KAVIYA.A.KAVIYA	08-01-202
D3240006844	PO	06	Oragadam	2024	3240006844	14/05/2024	12:56:58 PM	1		14-05-202
D3240006905	PO	01	Oragadam	2024	3240006905	14/05/2024	12:55:57 PM	1		14-05-202
D3240006837	PO	06	Oragadam	2024	3240006837	14/05/2024	12:55:32 PM	1		14-05-202

### Overview

- EpiCX Automation solution automates the data entry for the field representatives. The solution reads the data from the both K & T excel reports and posts the interactions into EpiCX under the right user in the right tab with all the required data.
  - The solution uses refers to employee, brand and therapeutic masters for the appropriate mapping before posting
  - Any failed posting is notified to the user along with the failure reason for user to rectify and provide the updated input
  - The automation is end to end automated with no manual intervention required
- 

# EpiCX Automation – High Level Features Delivered

Manual & Scheduled posting

Notification for failed postings

File reading based on FIFO

Support for K & T report posting

Posting under the required territory and user

Mapping with various master files

Dashboard reports

## K Report



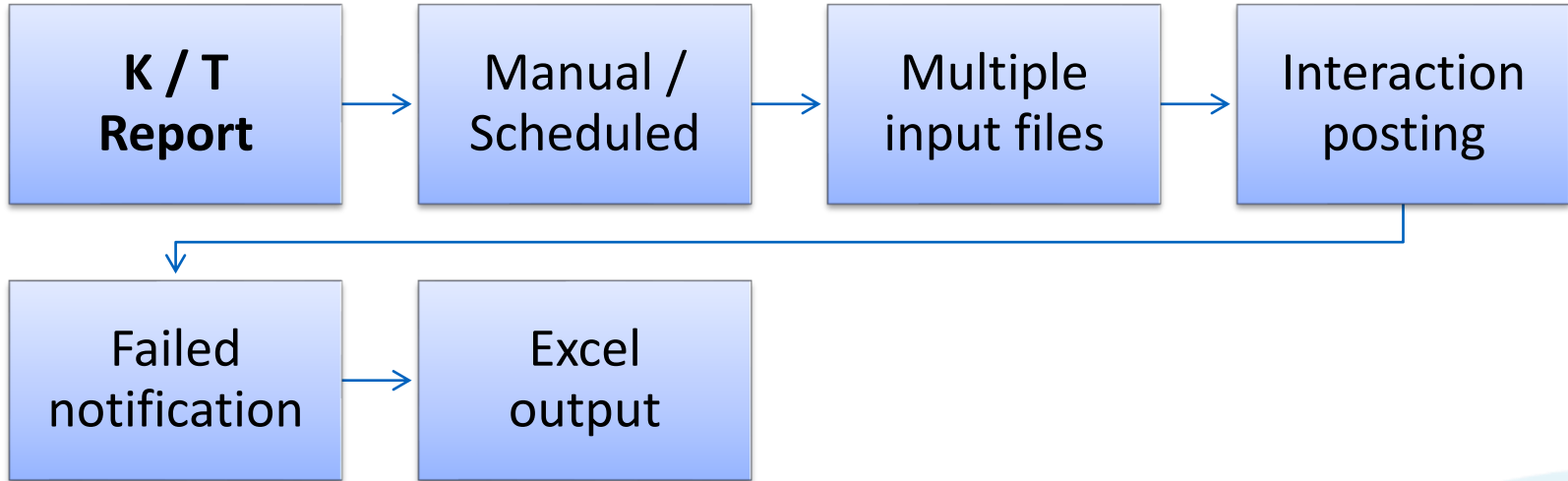
- BAU postings : 14K +
- Historical postings : 21K +
- Monthly volume : 40K

## T Report



- BAU postings : 3K +
- Historical postings : 6K +
- Monthly volume : 11K

# EpiCX Automation - Workflow



# Interaction Posting

Roche Search...

OCE Home Accounts Planner CLM Outcomes Meetings Coaching Events Insights Dashboards Interactions To-Do

Notifications (0) Recommendations (0)

No new Notifications

New Insight Add

Unsubmitted Interactions (88)

01 Aug	11:36:22 AM - 12:06:22 PM	Bobby Gulati, National Health Mission Punjab, Sector 38, Chandigarh, IN-CH, Chandigarh, IN, 160036	
01 Aug	11:40:12 AM - 12:10:12 PM	Rupinder Kaur, National Health Mission Punjab, Sector 38, Chandigarh, IN-CH, Chandigarh, IN, 160036	
03 Aug	3:12:23 PM - 3:42:23 PM	Mukesh Chawla, Indus Multi-Specialty Hospital, Phase 1, Mohali, IN-PB, Sahibzada Ajit Singh Nagar, IN, 160055	
Territory Switcher		Mohali - Mohali, Phase 8, Mohali, IN-PB, Sahibzada Ajit Singh Nagar, IN, 160052	
Active Territory:		Institute Of Medical Education And Research, Sector 12, Chandigarh, IN-CH, Chandigarh, IN,	
<a href="#">View All</a>			

IN\_CTRY\_001  
IN\_GM\_PHC  
IN\_AP\_AP\_TERR\_001  
IN\_AP\_AP  
IN\_AP\_CH\_001

### New Interaction: Face To Face - Non-Promo

Information

Record Type  
Non-Promotional Face To Face

\*Account Name  
Search Accounts...

Date & Time  
\*Date: May 31, 2024 \*Time: 7:13 PM

Status  
Draft

\*Duration  
30

Sub Type  
--None--

Number of Attendees  
0

Cancel Save

Draft Submitted Actions

Info Attendees Details Ratings Interaction Discussion Contents DTP/Educational Items Surveys Insights Tactics And ToDo's Enquiries/Clinical Trials More

Attendees (0) New Attendee Actions

Roche Attendees (0) New

EpiCX Network Attendees (0) New

### New Interaction

Select a record type

- Face To Face - Non-Promo
- Email - Non-Promo
- Email - Promo
- Face To Face - Promo
- Face To Face - Non-Promo
- Face - Promo
- Messaging - Non-Promo
- Messaging - Promo
- Other - Non-Promo
- Other - Promo
- Phone - Non-Promo
- Phone - Promo
- Remote - Non-Promo
- Remote - Promo

New

# Kirtane Pandit

## Invoice Digitization

### Overview

- Invoice Automation solution automates the data extraction, correction and document training
- The solution automatically categorizes the processing under 3 categories – valid data, rejected data, untrained data, which can be then worked on by the users as required

# Invoice Digitization – High Level Features Delivered

Manual & Scheduled posting

Classifications of processing - Valid, Rejected, Untrained

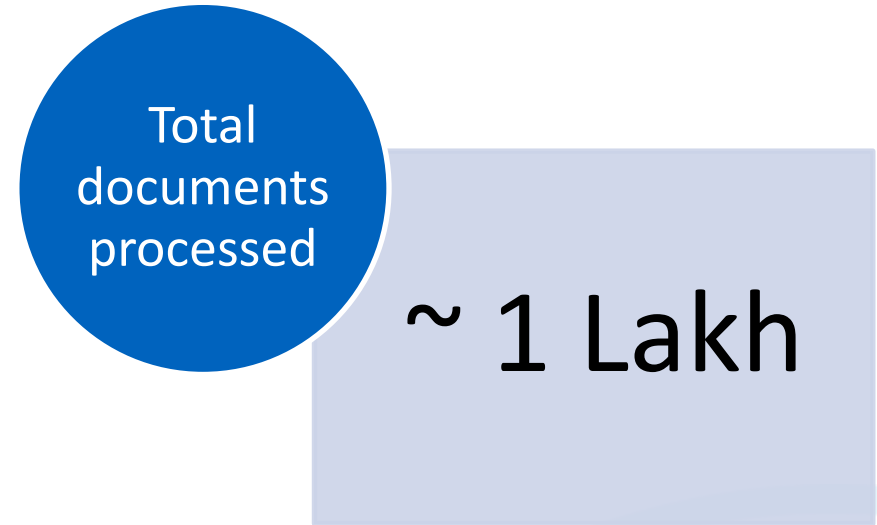
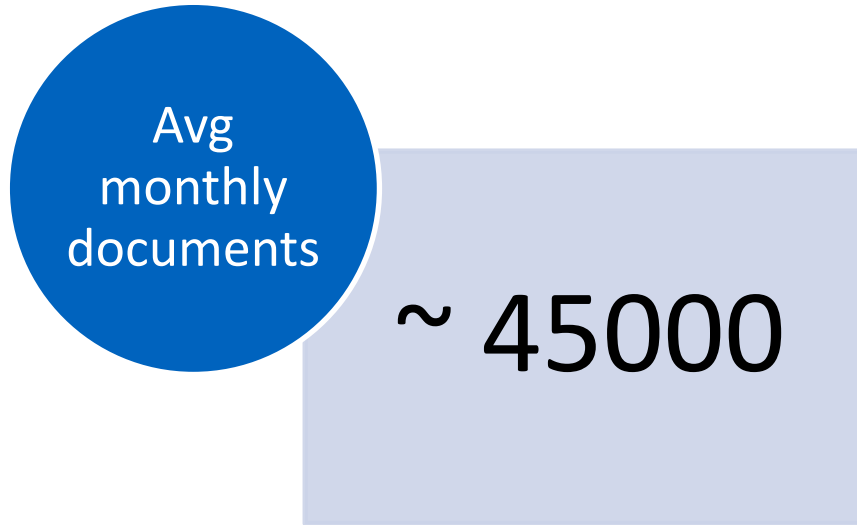
Ability to train the documents

Re-process the rejected documents

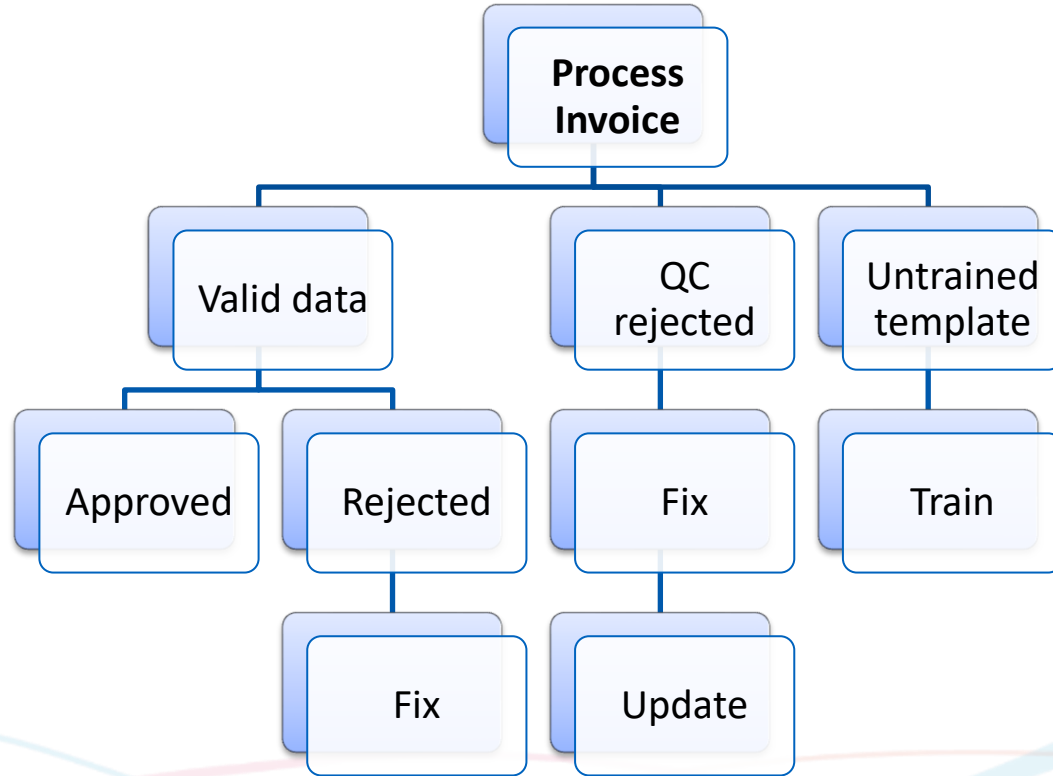
Dashboard reports



# Invoice Digitization – Usage



# Invoice Automation - Workflow



# Tata Communications

## Contract Digitization

### Overview

- Contract digitization extracts the various clauses and values from the contracts and presents it in a systematic form, which then is available for the end user consumption
- The automation also features the approval workflow for the quality check, which allows only one active version of the document to be maintained at any given point in time

# Contract Digitization – High Level Features Delivered

## Extraction from MSA contracts

- Clauses
- Values
- Derived fields

## Workflow

- LDAP integration
- Approval workflow
- Version check
- Standard and Non-standard templates

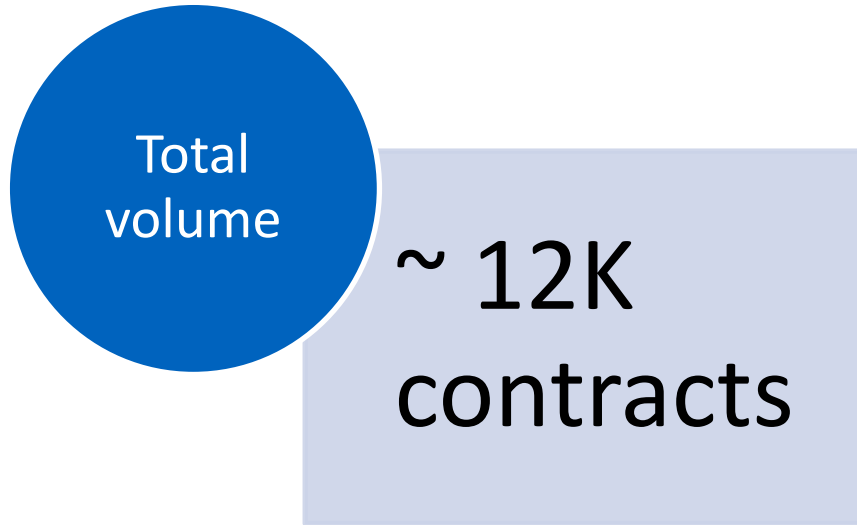
## Upload

- Manual upload for extraction
- Bulk upload for extraction
- Multi-part file upload for extraction
- Bulk correction files upload

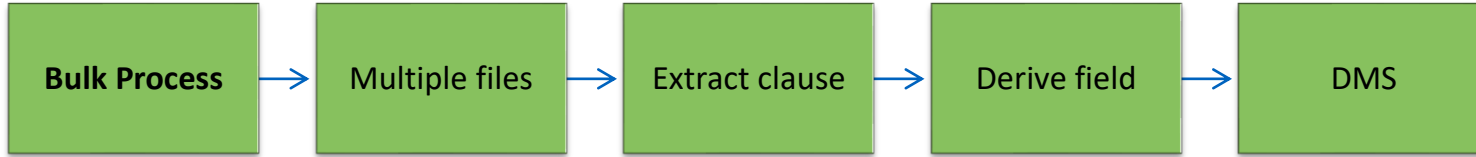
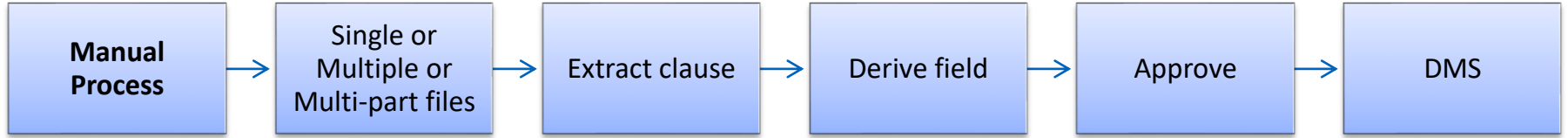
## Analytic reports

- Segregation of Domestic/International contracts
- Quarter-wise segregation
- Accuracy

# Contract Digitization – Usage



# Contract Digitization - Workflow



# Screens

N/A

Design Envelope ID: 0A1796B-D9A2-47A2-B09B-95A0D411325

**TATA COMMUNICATIONS**

MASTER SERVICES AGREEMENT MSA Reference No. \*\* \*\*\*\* \*\*

**MASTER SERVICES AGREEMENT COVER PAGE**

This MASTER SERVICES AGREEMENT is entered into this  day of  (Effective Date) by and between the following parties (each a "Party" and collectively, the "Parties"):

Customer Entity	Service Provider Entity
Lokmanya Hospital Private Limited	Tata Communications Transformation Services Limited
<b>Customer Registered/Business Address:</b> 88AF Mittal Road Colony Anandwadi Road Parvatl Pune 411009	<b>Service Provider Registered/Business Address:</b> C11/C12B, G Block, Sankar Kataria Complex, Mumbai-400 018
<b>Customer Contact:</b> First Name: Dr Navindra Surname: Jadhav Title: Founder Telephone: 020-2424042 Fax: Email: navindv@hotmail.com	<b>Service Provider Contact:</b> First Name: Jagjit Singh Surname: Dang Title: DGM Telephone: 9212261368 Fax: Email: jagjit.dang@tatacomcommunications.com
<b>Customer Notice Address:</b> 88AF Mittal Road Colony Anandwadi Road Parvatl Pune 411009	<b>Service Provider Notice Address:</b> C11/C12B, G Block, Sankar Kataria Complex, Mumbai-400 018

## Document Detail

FileName 333_0_Lokmanya_Hospitals_Pvt Ltd_MSA_STD.pdf	MSA Reference No ** **** **
Effective Date NA	MSA Version No 1.0
MSA Agreement term unit years	MSA Agreement term 3
Agreement Type MASTER SERVICES AGREEMENT	MSA End date NA
Flavour of MSA - Global standard	Document Format Standard
Contract status Active	Title of document MASTER SERVICES AGREEMENT
CUID 333	Effective NA

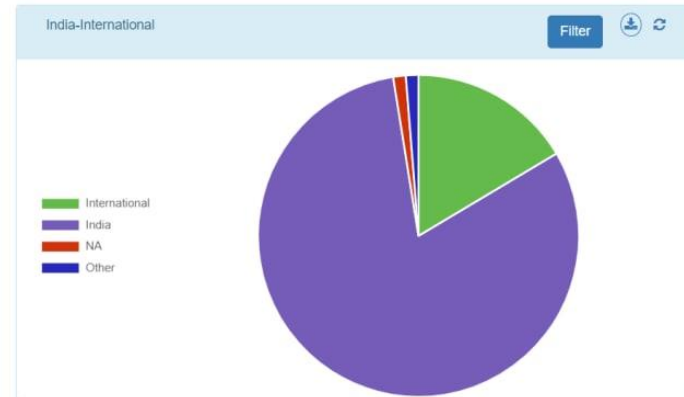
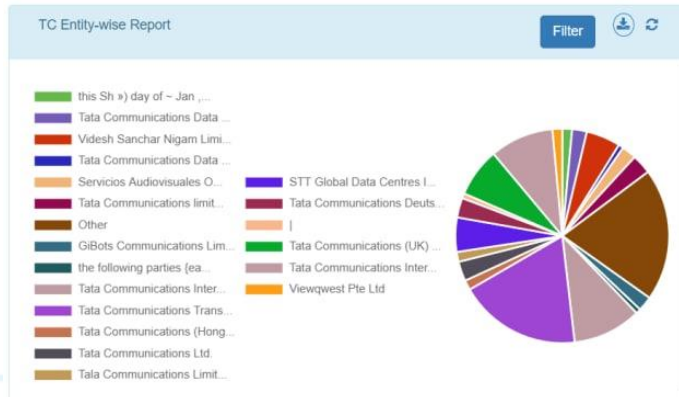
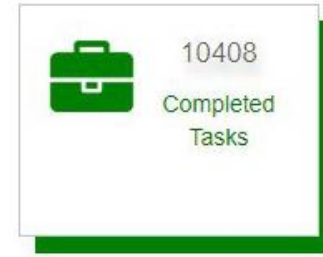
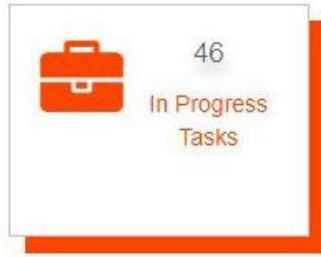
File Name:  Action:

SelectDoc + Advance Search

Customer Address Windmill Hill Business Park, Whitehill Way, Swindon SN5 6QR UK	Customer Contact - Last Name Taylor
Customer Contact - Telephone +44 (0)20 7898 9578	Customer Contact - Title NA
Customer Notice Address NA	Customer Contact - Email steve.taylor@blueplanetnetwo rks.com
	Customer Signature 

File Name	Action	Name	Uploader	Created Date	Updated Date	MSA Reference N	Customer Entity	Supplier Entity	MS/Ver No
141_0_ZBA_IT_Services_Priva	<input type="button" value="🔍"/> <input type="button" value="📄"/> <input type="button" value="📁"/> <input type="button" value="📤"/> <input type="button" value="📥"/> <input type="button" value="📧"/>	141_0_ZBA_IT_Services_Priva	makeruser1	23/04/2022 4:41:00 PM	23/04/2022 4:41:00 PM	** **** **	ZBA IT Services Private Limite	Tata Communications Limited	NA
829_0_WSO2_TELCO_INC_MSA_4-	<input type="button" value="🔍"/> <input type="button" value="📄"/> <input type="button" value="📁"/> <input type="button" value="📤"/> <input type="button" value="📥"/> <input type="button" value="📧"/>	829_0_WSO2_TELCO_INC_MSA_4-	makeruser1	22/04/2022 2:41:46 PM	22/04/2022 2:41:46 PM	** **** **	WSO2 TELCO INC.	Tata Communications Limited	2.0
123_0_1_Asia_Alliance_Comm	<input type="button" value="🔍"/> <input type="button" value="📄"/> <input type="button" value="📁"/> <input type="button" value="📤"/> <input type="button" value="📥"/> <input type="button" value="📧"/>	123_0_1_Asia_Alliance_Comm	makeruser1	22/04/2022 2:39:58 PM	22/04/2022 2:39:58 PM	** **** **	1 Asia Alliance Communication	Tata Communications Limited	2.0
645_0_Wipro_Limited_MSA_NST	<input type="button" value="🔍"/> <input type="button" value="📄"/> <input type="button" value="📁"/> <input type="button" value="📤"/> <input type="button" value="📥"/> <input type="button" value="📧"/>	645_0_Wipro_Limited_MSA_NST	makeruser1	22/04/2022 11:59:38 AM	22/04/2022 11:59:38 AM	** **** **	<customer legal name>	Tata Communications Data Cente	2
64_0_BRIDGE_SOFT_SOLUTIONS_	<input type="button" value="🔍"/> <input type="button" value="📄"/> <input type="button" value="📁"/> <input type="button" value="📤"/> <input type="button" value="📥"/> <input type="button" value="📧"/>	64_0_BRIDGE_SOFT_SOLUTIONS_	makeruser1	21/04/2022 6:34:02 PM	21/04/2022 6:34:02 PM	NA	BRIDGE SOFT SOLUTIONS PRIVATE	Tata Communications Limited	3.0
55_0_Shriam_Value_Services	<input type="button" value="🔍"/> <input type="button" value="📄"/> <input type="button" value="📁"/> <input type="button" value="📤"/> <input type="button" value="📥"/> <input type="button" value="📧"/>	55_0_Shriam_Value_Services	makeruser1	21/04/2022 6:31:27 PM	21/04/2022 6:31:27 PM	NA	Shriam Value Services Limited	STT Global Data Centres India	3

# Reports





# Noon

## Utility Bill Automation

### Overview

- Noon operations are spread across UAE, Saudi Arabia and Egypt. Each country of operation has various Noon Entities. These Noon entities receive Utility Bills from Utility providers (Telecom, Electricity Etc.). Each country has 5-7 utility providers that Noon receives services from. These bills are either downloaded from dedicated utility portals or received by the respective departments through mails. Individual departments gather their Bills and upload them to Jira for approvals and further processing. The bills are first approved by the entity/department heads. Once approved, the Finance team creates voucher entries for them in MS Dynamics. These vouchers go through a Finance approval process. Once approved, payment entries are made in MS Dynamics.
- Our Utility bill solution, automated the entire end to end process of reading from shared folder or downloading from website, extracting the data from the bill and putting it under the right bucket, send it for approval process based on the business rule defined and once approved, create the voucher in MS Dynamics.

# Utility Bill Automation – High Level Features Delivered

Reading invoice from shared folder

Downloading invoice from vendor portals using user credentials

Scheduled process

Reading from Account master

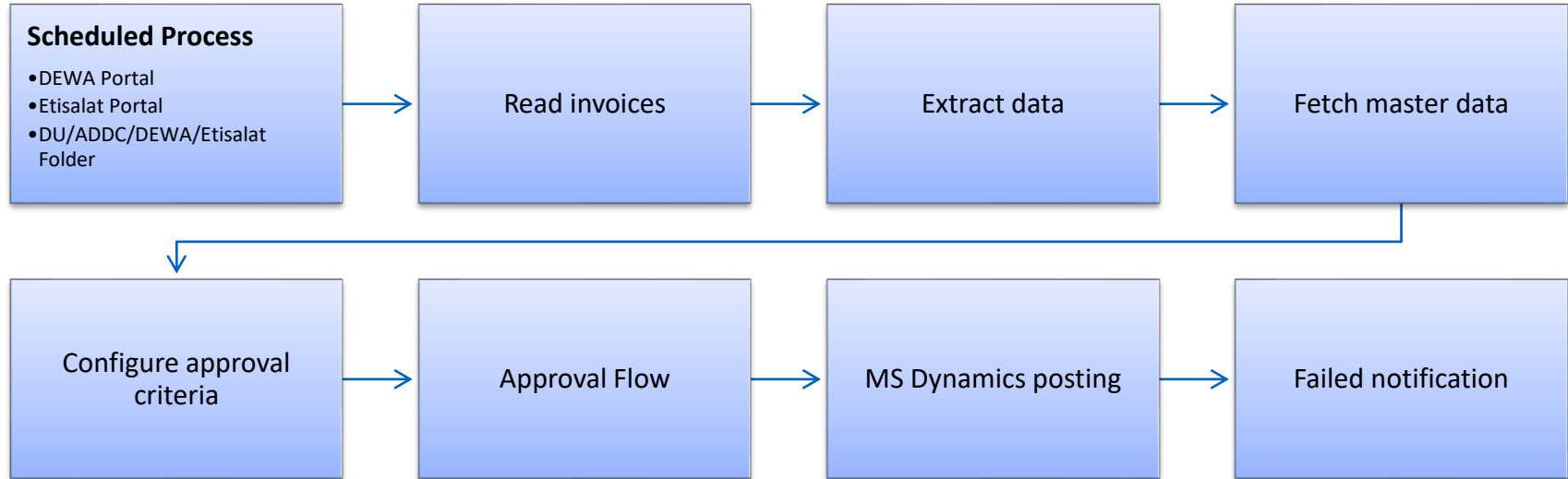
Configurable approval logic

Currency conversion as applicable

6 country entities

Dashboard reports

# Utility Bill Automation - Workflow



# Screens

< << 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 >> >

AED 569,940.99

NOON AD COMMERCIAL Owned by Noon AD Holdings, one Person Company LLC  
PO Box 126231  
Dubai

**Bill date**  
3 Dec 2021

**Bill period**  
1 Nov 2021 - 30 Nov 2021

**Account number**  
6.151893

Document Level Fields

Table level fields

Action	Additional charges	Discounts
+	614.04 0.00	Cr 5,086.67
+	0.00	0.00
+	0.00	Cr 10,840.00
+	0.00	0.00
+	1,650.00	Cr 2,000.00
+	1,650.00	Cr 17,926.67

**Your bill**

Balance from your last bill **AED**

Previous bill amount 591,566.89  
Payment received 287,303.84  
Adjustments 21,961.70  
**Total remaining 284,263.32**

Current month charges

Public services 63,079.21  
Fixed services 36,494.26  
Managed services 205,549.00  
Other services 2,100.00  
Account bank charges 2,347.50  
Account bank charges (over or short adjustment) 357.29  
**Subtotal of all charges 385,627.67**

**Submitted your company's Tax Registration Number (TRN) yet?**

If your organisation has multiple accounts with us, you need to provide the TRN for each one of them.

For more information on VAT, and to submit your Tax Registration number visit [du.ae/VAT](http://du.ae/VAT).

Symbols Refresh Retrain Live

<< 1 2 3 >>

etsalat | DUBAI | RANGEE | PAY | SUPPORT | MKVL | Search

Hello Nakul Shah  
NOON AD COMMERCIAL ONE PERSON COMPANY LLC

1862  
Accounts in your organization  
13/06/2021 11:00 AM

ACTIVE ACCOUNTS 13 INACTIVE ACCOUNTS 0

NEW SERVICE

New Feature Alert! Explore Mobile Service Center  
View/Download Bills  
Pay Bills

Green Bill  
Tax Invoice

Account Number: 2038439821  
Account Type: Commercial  
Business-Party No: 11448021

Bill Summary

Dubai Electricity & Water Authority	5,276.58 AED
Electricity	4,151.81 AED
Water	
<b>Total</b>	<b>5,276.58 AED</b>
Dubai Municipality	8.08 AED
Household Sewerage	143.00 AED

NOON FULFILLMENT OWNED BY NOON AD H

Document Level Fields

Invoice No	100159474201	Invoice Date	06/09/2021
Vendor	dm 4aCitra Dubai Electricity & Water Authority	Customer Name	NOON FULFILLMENT OWNED BY NOON AD H
Authority Name	Dubai Electricity & Water Authority (I 0L_309.cluj)	Supp TRN	100027620200003
Due Date	Due before 20/09/2021	Cust TRN	100265405900003
Vat Amount	280.57	Currency	AED
		Period from	

## Overview

- JUSDA is a Supply Chain/Logistics Management company. Its logistics wing handles over 1.5 Lakh Air/Ocean deliveries. This requires creation and tracking of a large number of Airway and Seaway bills (Master and Local/House). A number of Local/House AWB/SWB are consolidated under a single Master AWB/SWB and this relation too has to be maintained. CargoWise is the application responsible for tracking of this AWB/SWBs. The AWB/SWBs are sent by the booking agents to JUSDA operations team. The operations team performs basic validations and then creates the corresponding AWB/SWB in CargoWise application. Further tracking, monitoring and billing process is handled by CargoWise.
- Our automation solution, reads the bill from email, identify the bill type and process accordingly and extract the required data. Use the validation rules based on the bill and bill type. Review the extracted/derived information. Approved records gets posted in CargoWise, under existing Account or new Account as applicable along with the email uploaded. For all the postings a notification is sent to the user who sent the email.

# AWB & BOL Automation – High Level Features Delivered

Reading bills from email

Data extraction and  
business rule  
application

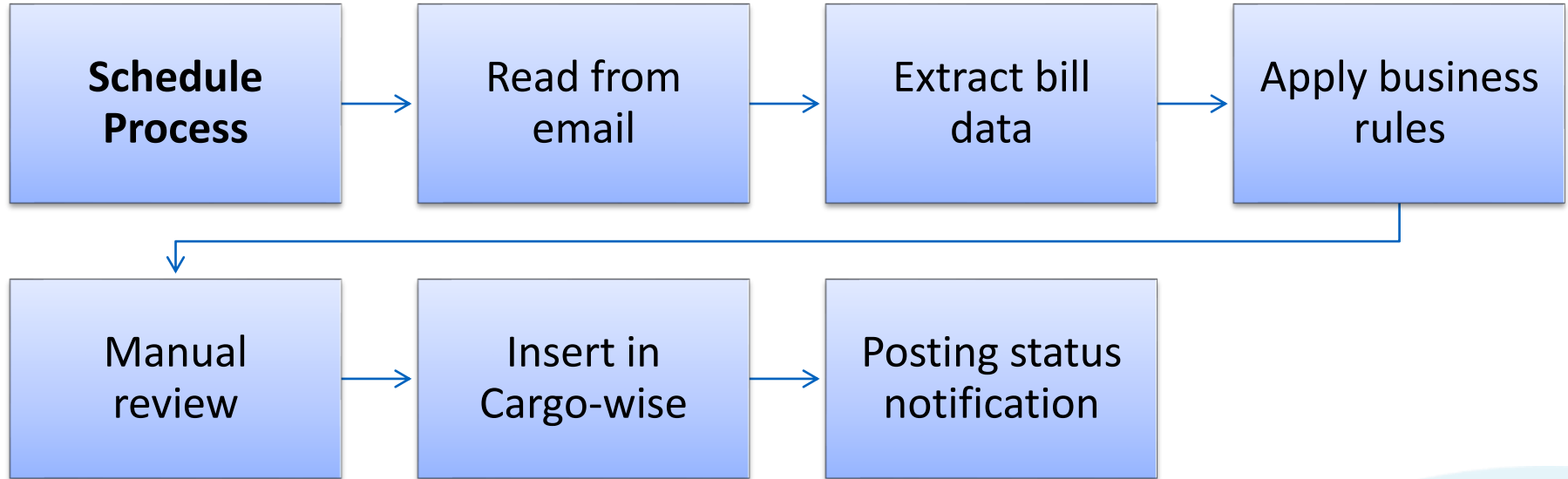
Inserting records in  
Cargo-wise application  
using the maker login

Uploading email in  
Cargo-wise application

Notification to the  
maker with posting  
status

Dashboard reports

# AWB & BOL Automation - Workflow



# Screens

Bill

Table level fields

Action	No_of_pieces_RCP	Rate_Class	Charge_weight	Total	Gross_weight
+	1				
+	- Weight	Comm	Weight Charge		
+		Item No			
+	1	BKJ		36J B 46J	

SAVE CANCEL PROCESS

New Quick Booking - \*\*\* TRAINING SYSTEM \*\*\* - Branch: JUSDA INDIA SCM -- Chennai - Company: JUSDA INDIA SUPPLY CHAIN MANAGEMENT PVT LTD -- Dep...

File Edit Actions Documents Job Invoicing Port Transport Help

Details Additional Details Custom Fields Workflow & Tracking Billing Addresses eDocs Notes Logs

Client: [Field] Consignor: C:\JPMY-DESK Consignee: [Field]

Address Contact: [Field] Address Contact: [Field] Address Contact: [Field]

\* NO ORGANISATION IS SELECTED

Mode: LSE Air Freight (LSE) Is Domestic: [ ] Origin: (None Selected) Destination: INKCP Kanchipuram

Incoterm: [Field] Add. Terms: [Field] Service Level: (None Selected) Shipper's Ref: [Field] Description: [Field] Marks & Num.: [Field]

Unable to save this Quick Booking... - \*\*\* TRAINING SYSTEM \*\*\* - Branch: JUS...  
 There are errors that need to be corrected before this Quick Booking can be saved.  
 OK Show Details

Goods Details: Outers: 0 P/LT Weight: 0.000 KG Volume: 0.000 M3 Chargeable: 0.000 KG

Monetary Values: Goods Val: 0.00 INR Ins Value: 0.00 INR Insurance Required: [ ] Spot Rate: 0.0000 STD Use Standard R

Containers: [Field] Count: [Field] Cont. Type: [Field] Commodity: [Field] Release: [Field] Delivery Mod: Hum

Loose Cargo: [Field] Pkcs: [Field] Pk. Typ: [Field] Weight: [Field] U/W: [Field] Volume: [Field] UV: [Field] Length: [Field] Width: [Field] Height: [Field] UD: [Field] Comm: [Field]

Save Save & Close Cancel



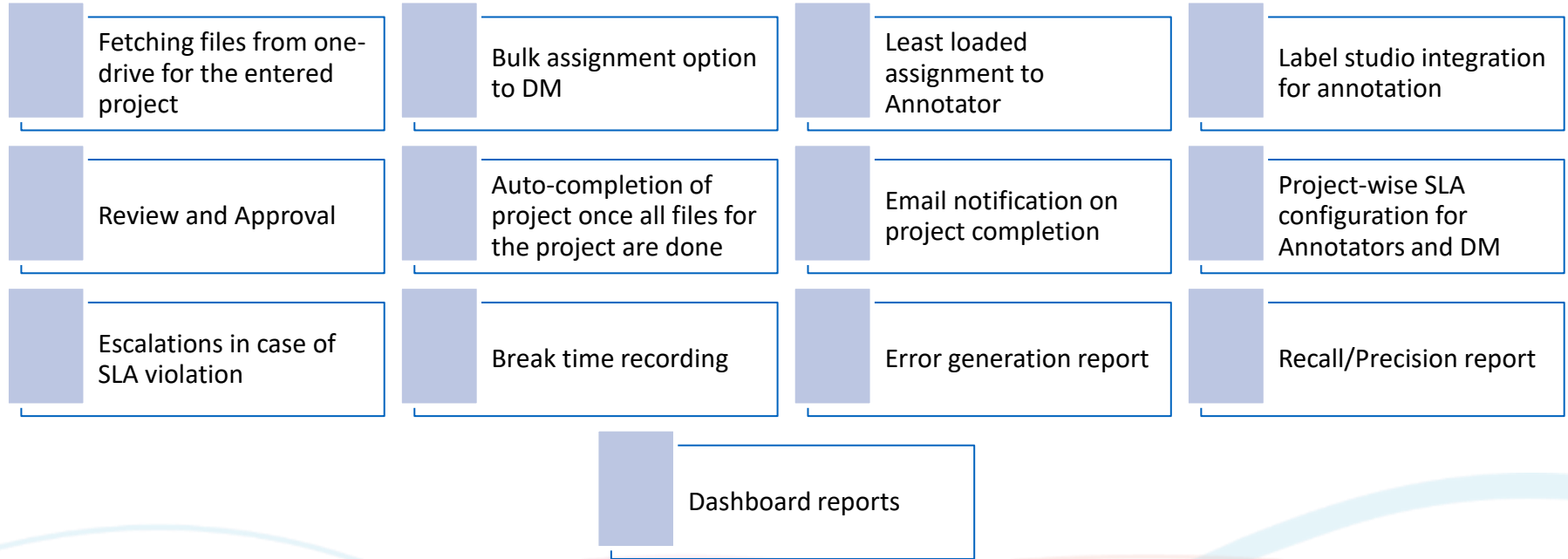
# Ideas To Impact

## Image Annotation Tool

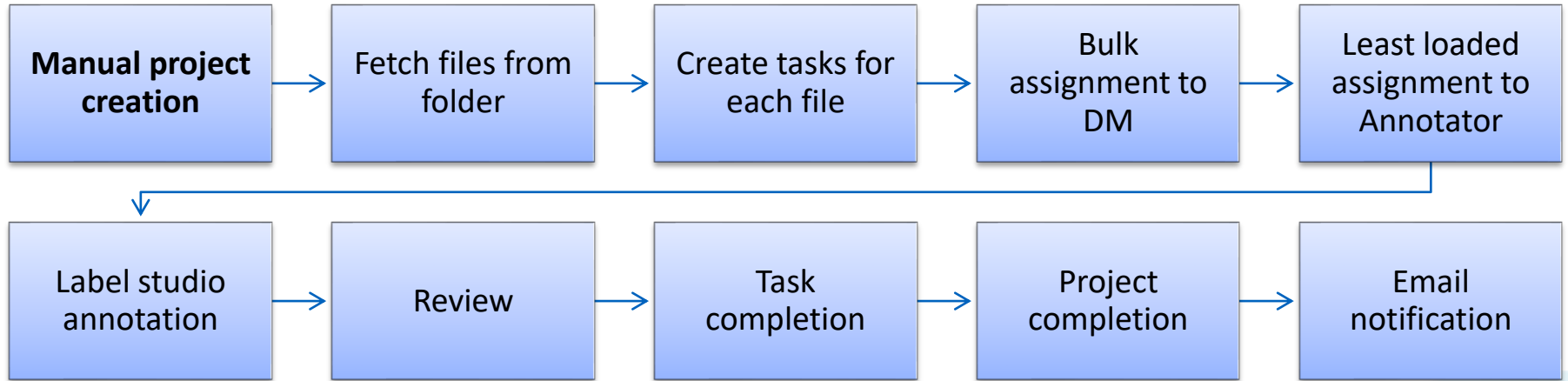
## Overview

- Ideastoimpacts receives images from clients for annotation. These images are assigned to Annotators and then reviewed on completion. On receiving satisfactory review feedback from co-ordinator, the images are sent to the client.
- Our solution, automated the entire end to end task flow from receiving the images on a shared one drive folder for the entered project, create tasks for each file for annotation, which then is assigned to Delivery Manager and respective Annotators on load sharing basis. Once the annotation is approved in Label studio, the files are marked as completed.

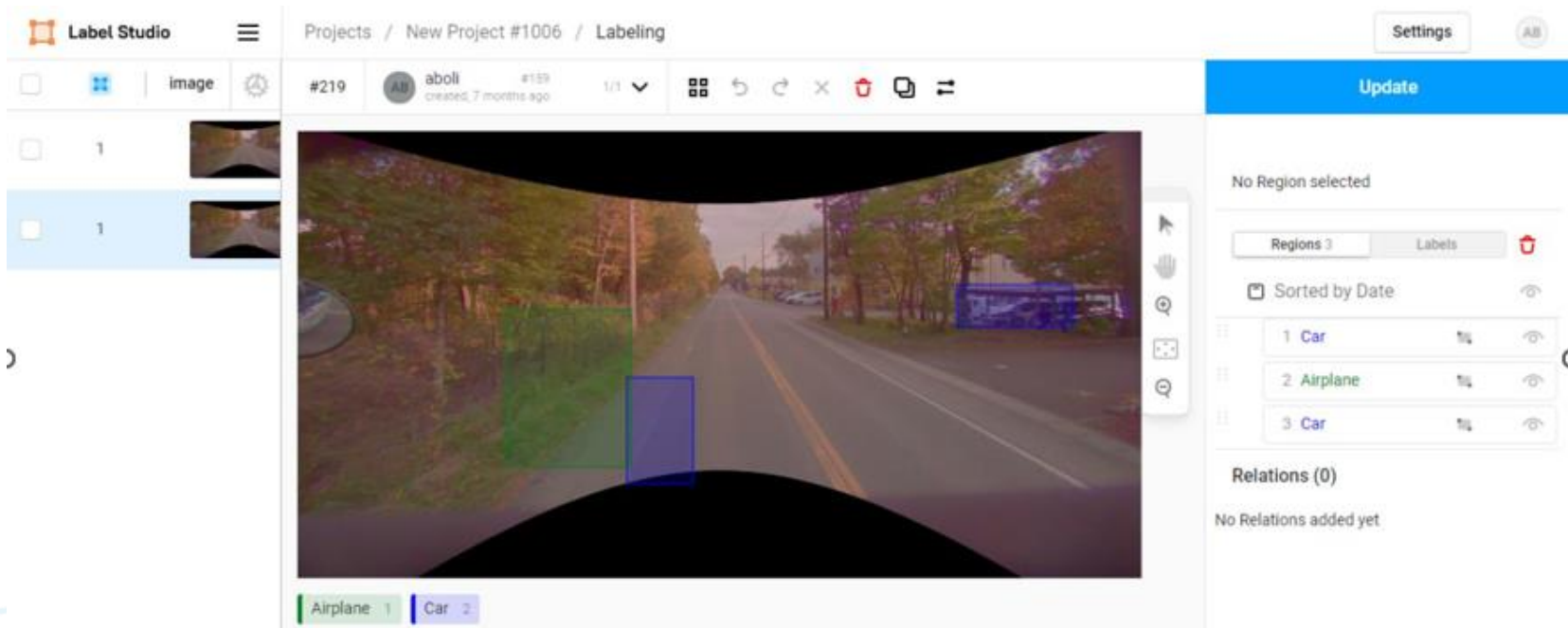
# Image Annotation Tool – High Level Features Delivered



# Image Annotation Tool - Workflow



# Screen



The screenshot displays the Label Studio web interface. At the top, the breadcrumb navigation shows 'Projects / New Project #1006 / Labeling'. The main workspace features a central image of a road with two labeled regions: a green box labeled 'Airplane 1' and a blue box labeled 'Car 2'. To the left, a thumbnail gallery shows two image thumbnails, with the second one selected. Above the main image is a toolbar with various icons for navigation and editing. On the right side, a control panel includes a 'Settings' button, an 'Update' button, and a list of regions. The regions list shows three items: '1 Car', '2 Airplane', and '3 Car', each with a percentage and a visibility icon. Below the regions list, it indicates 'Relations (0)' and 'No Relations added yet'.

Label Studio

Projects / New Project #1006 / Labeling

#219 aboli #159 created, 7 months ago 1/1

image

1

1

1 Car 2

Settings

Update

No Region selected

Regions 3 Labels

Sorted by Date

1	Car	%	👁
2	Airplane	%	👁
3	Car	%	👁

Relations (0)

No Relations added yet

# Liberty

## Workflow & Task Management

### Overview

- Liberty team was facing large volume of motor and general insurance policy documentation work, which needed a good amount of manual work. These policy requirements were coming in from various locations across India. Multiple input sources like email, paper, agents, etc. also added on to the overall process and approvals.
- Our automation solution, provided and end to end automated workflow management solution, which took care of task management, queue management PAN India, rejections, discrepancy issues, supported documentations, SLA & escalation.

# Workflow & Task Management – High Level Features Delivered

Task creation

Document attachment

Queue management  
across various location

Discrepancy tracking

Task reassignment

SLA & Escalation  
management

Dashboard reports

# Workflow & Task Management - Workflow

