

KOANGA

INEIGHT PLATFORM DATA MIGRATION ACCELERATOR

driver lane



POWERED BY:



Koanga works on major capital programs to deliver trusted project management systems and data strategies.

Koanga's hybrid of functional and technical expertise delivers fit for purpose project management technology solutions, providing key decision makers contextual, concise and timely project data and information.

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FINANCIAL BENEFITS

Data migration costs are significantly reduced by leveraging a library of proven, reusable components built on standard connectors.

These components eliminate the need for custom integration work, accelerate delivery, and ensure consistent, supportable patterns across environments

TECHNICAL BENEFITS

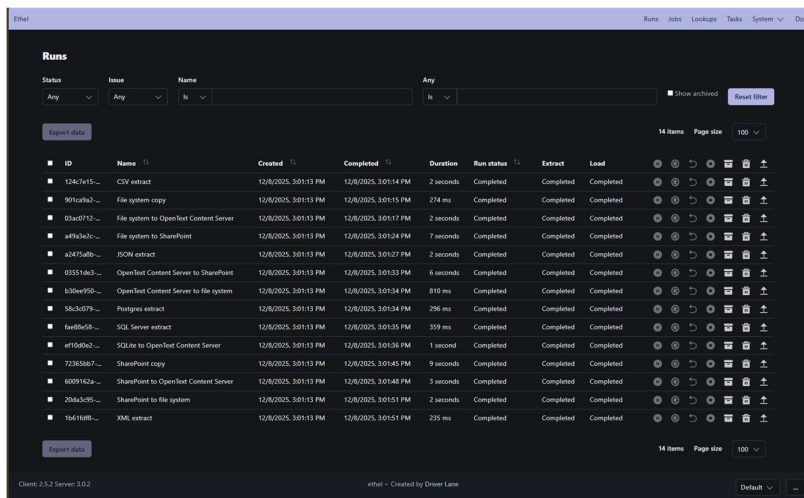
Transformation logic is confirmed within the framework to ensure alignment with established data migration patterns and governance controls.

The jobs are designed as rerunnable processes, supporting idempotent execution and safe reprocessing of partial loads.

END USER BENEFITS

Realtime reporting provides continuous visibility into the data migration process, enabling teams to track progress, monitor throughput, and identify issues as they occur.

Data ingestion errors are surfaced immediately with clear diagnostic detail, allowing rapid correction and controlled reprocessing.



ID	Name	Created	Completed	Duration	Run status	Extract	Load
1247e15...	CSV extract	12/8/2025, 3:01:13 PM	12/8/2025, 3:01:14 PM	2 seconds	Completed	Completed	Completed
901a7a2...	File system copy	12/8/2025, 3:01:13 PM	12/8/2025, 3:01:14 PM	274 ms	Completed	Completed	Completed
03a0712...	File system to OpenText Content Server	12/8/2025, 3:01:13 PM	12/8/2025, 3:01:17 PM	2 seconds	Completed	Completed	Completed
a493a2c...	File system to SharePoint	12/8/2025, 3:01:13 PM	12/8/2025, 3:01:24 PM	7 seconds	Completed	Completed	Completed
a34715a...	JSON extract	12/8/2025, 3:01:13 PM	12/8/2025, 3:01:27 PM	2 seconds	Completed	Completed	Completed
03551a3...	OpenText Content Server to SharePoint	12/8/2025, 3:01:13 PM	12/8/2025, 3:01:33 PM	6 seconds	Completed	Completed	Completed
330a950...	OpenText Content Server to file system	12/8/2025, 3:01:13 PM	12/8/2025, 3:01:34 PM	810 ms	Completed	Completed	Completed
583c079...	Postgres extract	12/8/2025, 3:01:13 PM	12/8/2025, 3:01:34 PM	296 ms	Completed	Completed	Completed
fae8b58...	SQL Server extract	12/8/2025, 3:01:13 PM	12/8/2025, 3:01:35 PM	359 ms	Completed	Completed	Completed
af100b2...	SQLite to OpenText Content Server	12/8/2025, 3:01:13 PM	12/8/2025, 3:01:36 PM	1 second	Completed	Completed	Completed
7235b67...	SharePoint copy	12/8/2025, 3:01:13 PM	12/8/2025, 3:01:45 PM	9 seconds	Completed	Completed	Completed
6009162...	SharePoint to OpenText Content Server	12/8/2025, 3:01:13 PM	12/8/2025, 3:01:48 PM	3 seconds	Completed	Completed	Completed
20a3c95...	SharePoint to file system	12/8/2025, 3:01:13 PM	12/8/2025, 3:01:51 PM	2 seconds	Completed	Completed	Completed
166108b...	XML extract	12/8/2025, 3:01:13 PM	12/8/2025, 3:01:51 PM	235 ms	Completed	Completed	Completed

Data migration runs are scheduled using standard connectors—including, but not limited to, REST APIs, InEight, SharePoint, and OpenText connectors. These connectors support the transfer of documents along with their associated metadata.

Job execution is designed for horizontal scalability, enabling concurrent processing that aligns with the throughput, throttling limits, and performance characteristics of each connector.

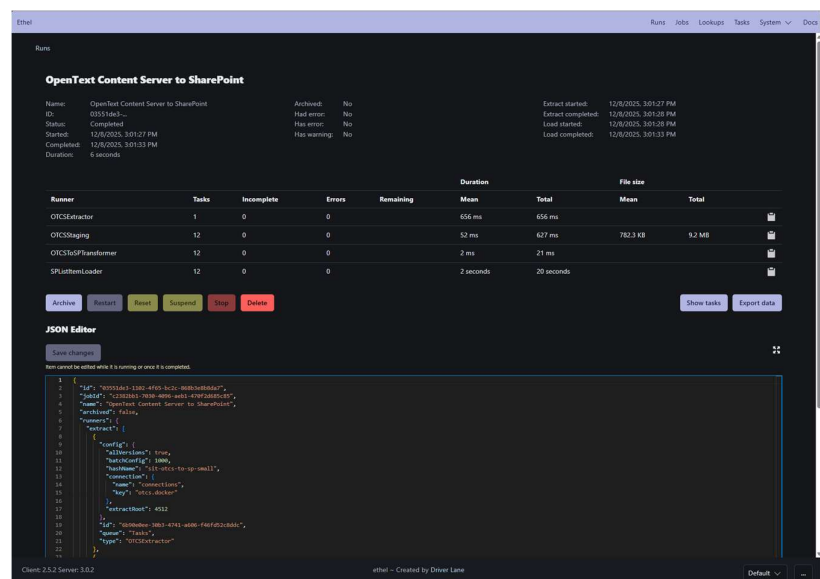
All processing results, including detailed diagnostics and error states, are surfaced through reporting via the Power BI ETL connector, ensuring comprehensive visibility and supporting rapid operational decision making.

Individual processing runs can be re-executed either from the original source system or from any intermediate checkpoint within the ETL workflow.

Each run exposes detailed visibility into the applied transformation logic, including step-level mappings, rule execution paths, and intermediate data states.

This level of transparency enables accurate identification of the root cause behind any processing errors—whether originating from source-system data quality issues, transformation rule conflicts, or connector-level constraints—and supports efficient, targeted remediation.

Analysis of individual processing durations provides the basis for accurately forecasting the total expected duration of the data migration activity, allowing teams to model throughput, identify bottlenecks, and plan execution windows with greater precision.



Runner	Tasks	Incomplete	Errors	Remaining	Duration	Total	File size	Total
ORCSEExtractor	1	0	0		656 ms	656 ms		
ORCStaging	12	0	0		52 ms	627 ms	782.3 KB	9.2 MB
ORCStoSPTransformer	12	0	0		2 ms	21 ms		
SPContentLoader	12	0	0		2 seconds	20 seconds		

JSON Editor

```
1 // Generated by InEight ETL Accelerator
2 {
3   "id": "1247e15...",
4   "name": "CSV extract",
5   "status": "Completed",
6   "created": "2025-12-08T03:01:13Z",
7   "completed": "2025-12-08T03:01:14Z",
8   "duration": "2 seconds",
9   "extract": "Completed",
10  "load": "Completed",
11  "tasks": [
12    {
13      "id": "1247e15...",
14      "name": "CSV extract",
15      "status": "Completed",
16      "created": "2025-12-08T03:01:13Z",
17      "completed": "2025-12-08T03:01:14Z",
18      "duration": "2 seconds",
19      "extract": "Completed",
20      "load": "Completed",
21      "tasks": [
22        {
23          "id": "1247e15...",
24          "name": "CSV extract",
25          "status": "Completed",
26          "created": "2025-12-08T03:01:13Z",
27          "completed": "2025-12-08T03:01:14Z",
28          "duration": "2 seconds",
29          "extract": "Completed",
30          "load": "Completed",
31          "tasks": [
32            {
33              "id": "1247e15...",
34              "name": "CSV extract",
35              "status": "Completed",
36              "created": "2025-12-08T03:01:13Z",
37              "completed": "2025-12-08T03:01:14Z",
38              "duration": "2 seconds",
39              "extract": "Completed",
40              "load": "Completed",
41              "tasks": [
42                {
43                  "id": "1247e15...",
44                  "name": "CSV extract",
45                  "status": "Completed",
46                  "created": "2025-12-08T03:01:13Z",
47                  "completed": "2025-12-08T03:01:14Z",
48                  "duration": "2 seconds",
49                  "extract": "Completed",
50                  "load": "Completed",
51                  "tasks": [
52                    {
53                      "id": "1247e15...",
54                      "name": "CSV extract",
55                      "status": "Completed",
56                      "created": "2025-12-08T03:01:13Z",
57                      "completed": "2025-12-08T03:01:14Z",
58                      "duration": "2 seconds",
59                      "extract": "Completed",
60                      "load": "Completed",
61                      "tasks": [
62                        {
63                          "id": "1247e15...",
64                          "name": "CSV extract",
65                          "status": "Completed",
66                          "created": "2025-12-08T03:01:13Z",
67                          "completed": "2025-12-08T03:01:14Z",
68                          "duration": "2 seconds",
69                          "extract": "Completed",
70                          "load": "Completed",
71                          "tasks": [
72                            {
73                              "id": "1247e15...",
74                              "name": "CSV extract",
75                              "status": "Completed",
76                              "created": "2025-12-08T03:01:13Z",
77                              "completed": "2025-12-08T03:01:14Z",
78                              "duration": "2 seconds",
79                              "extract": "Completed",
80                              "load": "Completed",
81                              "tasks": [
82                                {
83                                  "id": "1247e15...",
84                                  "name": "CSV extract",
85                                  "status": "Completed",
86                                  "created": "2025-12-08T03:01:13Z",
87                                  "completed": "2025-12-08T03:01:14Z",
88                                  "duration": "2 seconds",
89                                  "extract": "Completed",
90                                  "load": "Completed",
91                                  "tasks": [
92                                    {
93                                      "id": "1247e15...",
94                                      "name": "CSV extract",
95                                      "status": "Completed",
96                                      "created": "2025-12-08T03:01:13Z",
97                                      "completed": "2025-12-08T03:01:14Z",
98                                      "duration": "2 seconds",
99                                      "extract": "Completed",
100                                     "load": "Completed",
101                                     "tasks": [
102                                       {
103                                         "id": "1247e15...",
104                                         "name": "CSV extract",
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108                                         "duration": "2 seconds",
109                                         "extract": "Completed",
110                                         "load": "Completed",
111                                         "tasks": [
112                                           {
113                                             "id": "1247e15...",
114                                             "name": "CSV extract",
115                                             "status": "Completed",
116                                             "created": "2025-12-08T03:01:13Z",
117                                             "completed": "2025-12-08T03:01:14Z",
118                                             "duration": "2 seconds",
119                                             "extract": "Completed",
120                                             "load": "Completed",
121                                             "tasks": [
122                                               {
123                                                 "id": "1247e15...",
124                                                 "name": "CSV extract",
125                                                 "status": "Completed",
126                                                 "created": "2025-12-08T03:01:13Z",
127                                                 "completed": "2025-12-08T03:01:14Z",
128                                                 "duration": "2 seconds",
129                                                 "extract": "Completed",
130                                                 "load": "Completed",
131                                                 "tasks": [
132                                                 ]
133                                               }
134                                             ]
135                                           }
136                                         ]
137                                       }
138                                     ]
139                                   }
140                                 ]
141                               ]
142                             ]
143                           ]
144                         ]
145                       ]
146                     ]
147                   ]
148                 ]
149               ]
150             ]
151           ]
152         ]
153       ]
154     ]
155   ]
156 }
```

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The ETHEL task library delivers a suite of standardised transformation logic for the InEight API connectors, including native support integration to InEight Documents (Team Binder).

Each task is configured to execute its defined actions within the Node.js runtime, providing a controlled and consistent execution environment. Where asynchronous or distributed processing is required, tasks can instead be routed through AMQP compliant queuing solutions such as RabbitMQ, enabling scalable, decoupled execution and improved throughput for high volume workloads.

These jobs are typically executed within a virtual container running on premises inside the client's environment, ensuring secure access to the required source systems and document registers.

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