NelsonHall Vendor Profile

Process Discovery & Mining Technology Evaluation 2021

EdgeVerve

Report Abstract

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NelsonHall

13-pages

Contents of Full Report

Who is This Vendor Assessment For?

NelsonHall's Process Discovery & Mining Technology Evaluation, provides an assessment of EdgeVerve's process discovery & mining platform designed for:

- Sourcing managers monitoring the capabilities of existing suppliers of Process Discovery & Mining platforms and identifying vendor suitability for RFPs

- Process reengineering and RPA and intelligent automation center of excellence personnel evaluating process discovery & mining platform capability

- Vendor marketing, sales, and business managers looking to benchmark their platforms against their peers

- Financial analysts and investors covering intelligent automation and process discovery & mining platforms.

Key Findings & Highlights

AssistEdge Discover begins an analyst's journey through summary information of the recordings. The main screen for a selected task shows summary information like the total number of applications used, total number of interactions, number of unique interactions, and number of cases (transactions).

To collect data, AssistEdge Discover has a desktop sensor that actively or passively records user interactions on the desktop. EdgeVerve's patent-pending AI engine, STARC, is used to split a day's worth of work into individual tasks using preconfigured start and stop markers. It uses fuzzy matching to group work executions together, considering work steps that may be executed in a different order, e.g., fields of the same form, as a single variant. v1.6 delivered enhanced data capture capabilities using computer vision to extract field data from screenshots.

Once case data (transactions) have been checked, it is sent to its STARC AI engine to analyze for patterns. Further built-in analyses supported by AssistEdge Discover.

As part of its partner strategy with process mining vendor Minit, AssistEdge Discover can now export tasks as CSV files to be consumed by Minit Process Mining. The company has tested this functionality with other process mining vendors and found it compatible with non-partner solutions.

AssistEdge Discover can export a proprietary automation file to AssistEdge RPA Studio for automation development. In addition to its proprietary format, AssistEdge Discover can export JSON files for compatibility with 3rd-party RPA development tools.

EdgeVerve targets clients looking to improve business processes through automation, efficiency, and compliance using AssistEdge Discover. Organizations early in their digital transformation journey are looking to identify the "low hanging fruit" opportunities and to standardize workflows before implementing automation to maximize efficiency and improve scalability. However, the company also sees compliance as an important aspect of AssistEdge Discover as it may be required for standardization efforts to be effective.

Scope of the Report

The report provides a comprehensive and objective analysis of EdgeVerve's process discovery and mining capabilities, covering AssistEdge Discover's functionality for:

- Data extraction, transformation, and loading
- Process analysis
- Process improvement
- Process monitoring
- Corrective action enablement
- Administration.

This report also assesses EdgeVerve's product development strategy and strengths and challenges.

Process Discovery & Mining Vendor Assessments also Available for:

ABBYY

Apromore

Celonis

FortressIQ

Kryon

Logpickr

Mehrwerk

Minit

myInvenio

Process Analytics Factory (PAF)

Process Diamond

QPR Software

Skan

Software AG

Soroco

StereoLOGIC

UiPath

UpFlux

About The Author

Bailey is a Research Analyst with shared responsibility for digital transformation technology research, working alongside Mike Smart within NelsonHall's Digital Transformation Technologies & Services practice.

In this role, Bailey focuses on products that use machine learning and cognitive AI, including business process management, process mining & discovery, and virtual agents.

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About NelsonHall

NelsonHall is the leading global analyst firm dedicated to helping organizations understand the 'art of the possible' in digital operations transformation. With analysts in the U.S., U.K., and Continental Europe, NelsonHall provides buy-side organizations with detailed, critical information on markets and vendors (including NEAT assessments) that helps them make fast and highly informed sourcing decisions. And for vendors, NelsonHall provides deep knowledge of market dynamics and user requirements to help them hone their go-to-market strategies. NelsonHall's research is based on rigorous, primary research, and is widely respected for the quality, depth and insight of its analysis.

We would be pleased to discuss how we can bring benefit to your organization. You can contact us via the following relationship manager: Guy Saunders at guy.saunders@nelson-hall.com

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