



**SAP Process Mining by
Celonis 4.3**

RELEASE NOTES

4.3.0-RELEASE_D77FBF424A_20180227_1533



Celonis Process Mining 4.3



Scalability

Next level performance on process calculations.



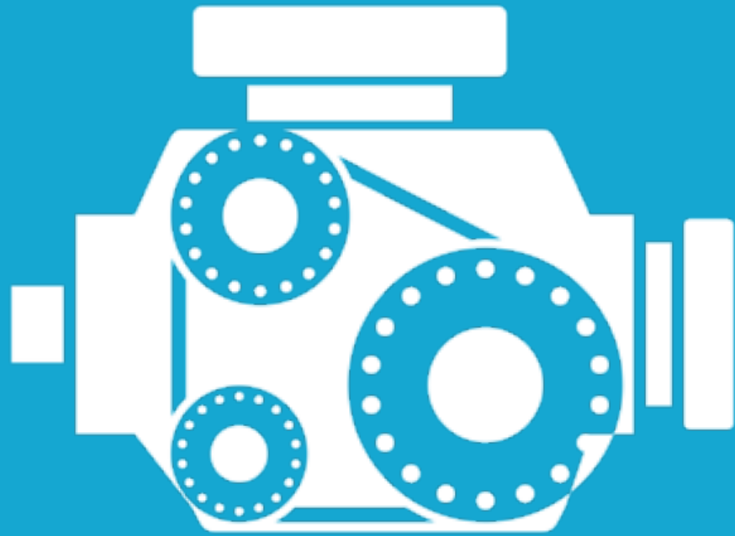
AI Machine Learning 2.0

Fully integrated Machine Learning functionality and a powerful Python API



Mine your target process

Fully automated process discovery of target processes for your Conformance Checks



Analytics Engine turbocharged

Multi-Core Process Mining

Significant improvements of calculations of processes and variants if you compare Celonis 4.2 and 4.3 on real world datasets.

Faster data loads within our engine if you compare Celonis 4.2 to 4.3.

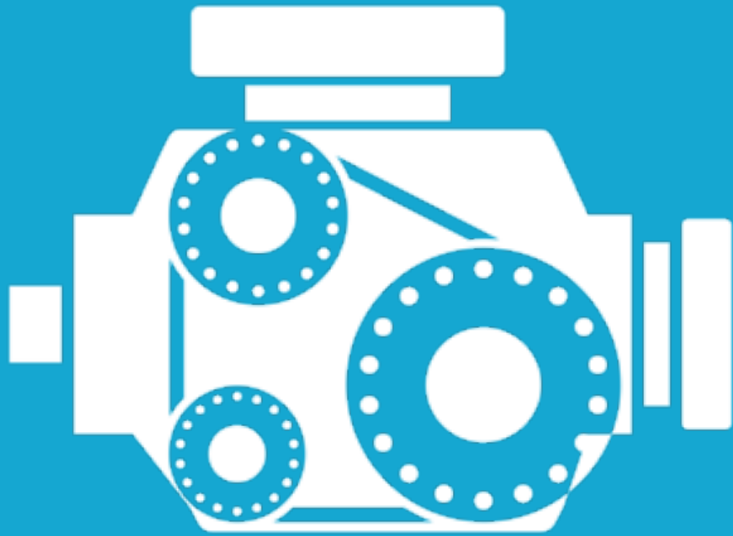
Decreased execution times of case when statements if you compare Celonis 4.2 to 4.3.



Unmatched Conformance Checking Capabilities

Celonis connects your real data to the target process

Your target process can be automatically discovered from the real eventdata in your dataset.



Tuned for Machine Learning

PI Operators

Advanced analytics operators available within the Celonis engine such as Linear Regression, Moving Operators, K-Means, Decision Tree

No compromise on computational speed due to multi-cores



A new generation of Celonis PI

Python Integration

Use all available calculations and data points from your Celonis data models in Python

Push results back and use it like a normal table in the Celonis Data Models

Benefit from the large amount of libraries and 3rd party APIs that can be accessed

