

## Release Webinar: QPR ProcessAnalyzer 2020.1



Olli Vihervuori Product Manager QPR ProcessAnalyzer

Yen Do Marketing Specialist, Process Mining

00000

This webinar will be recorded and made available on-demand at the QPR Community (https://community.qpr.com)



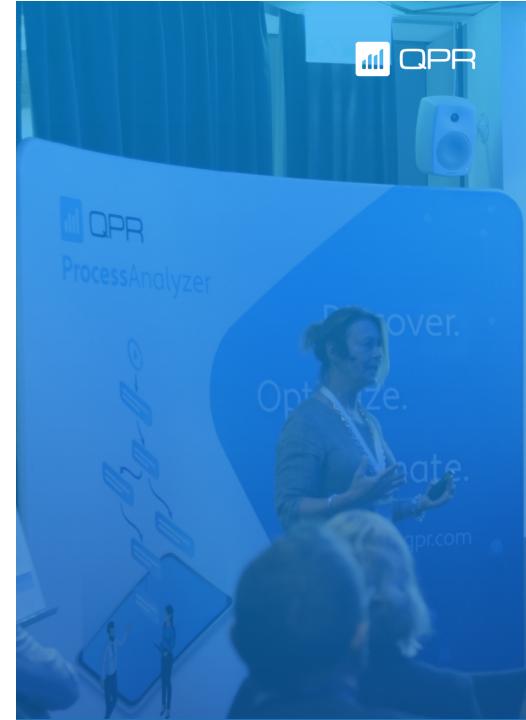
# **Release Webinar Agenda**

- 1. Introduction
- 2. QPR ProcessAnalyzer 2020.1Real-Time Process MiningPre-configured Process Mining Charts
  - Usage Statistics Reporting
- 3. QPR ProcessAnlayzer 2020.2
- 4. Summary

## **Customer Success Stories**



https://www.qpr.com/customers





# **QPR ProcessAnalyzer 2020.1**

**New Feature Highlights** 



## QPR ProcessAnalyzer 2020.1

## Real-Time Process Mining

## Pre-configured Process Mining Charts

- Case Trend by Selected Event
- Root Causes
- Usage Statistics Reporting



# **Real-Time Process Mining**

## **Real Time Process Mining**

Background for the case

- Maria has built an impressive number of process mining models to cover all the main processes of her organization.
- She has also carried out a process mining training program so that more than 100 employees in her organization have turned into eager process mining enthusiasts using process mining models for RPA automation, process excellence, internal audit, supply chain management and driving digital transformation.





## **Real Time Process Mining**

Challenge

After making the initial findings about processes Maria's colleagues start to continuously ask for more up-to-date process mining models...



## **Real-Time Process Mining Use Cases**

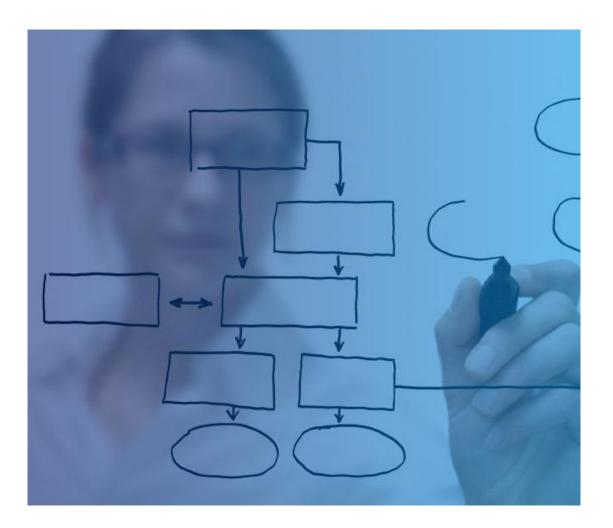
Business Review Process Models
Ad-Hoc Process Models
Customer Specific Process Models
Real-time Dashboard Screens
Case-Level Prediction Models



## **Business Review Process Models**



- Managers and team leaders are asking for Business Review Process Models to view the processes and KPIs for the previous review period immediately as it completes, whether it is quarter, month, week, day or a work shift.
- They want to identify most recent process bottlenecks, rework and long lead times. They are also eager to see the root causes so that they find corrective actions within their teams right away.



## **Ad-Hoc Process Models**



- Internal Audit is requesting company code specific models for audited processes.
- These Ad-Hoc Process Models should have the latest information concerning the audited business.



## **Customer Specific Process Models**



- Customer service and logistics workers need access to most Customer Specific
   Process Models containing all ERP events related to customer sales orders, on-going projects and metadata changes.
- This information needs to be available when the phone rings or inquiry email needs to be solved.



## **Real-time Dashboard Screens**



- Real-time Dashboard Screens are asked to be placed into the area.
- These screens show the current KPIs compared to targets as well as the current bottlenecks in the operations at this very moment.



## **Case-Level Prediction Models**

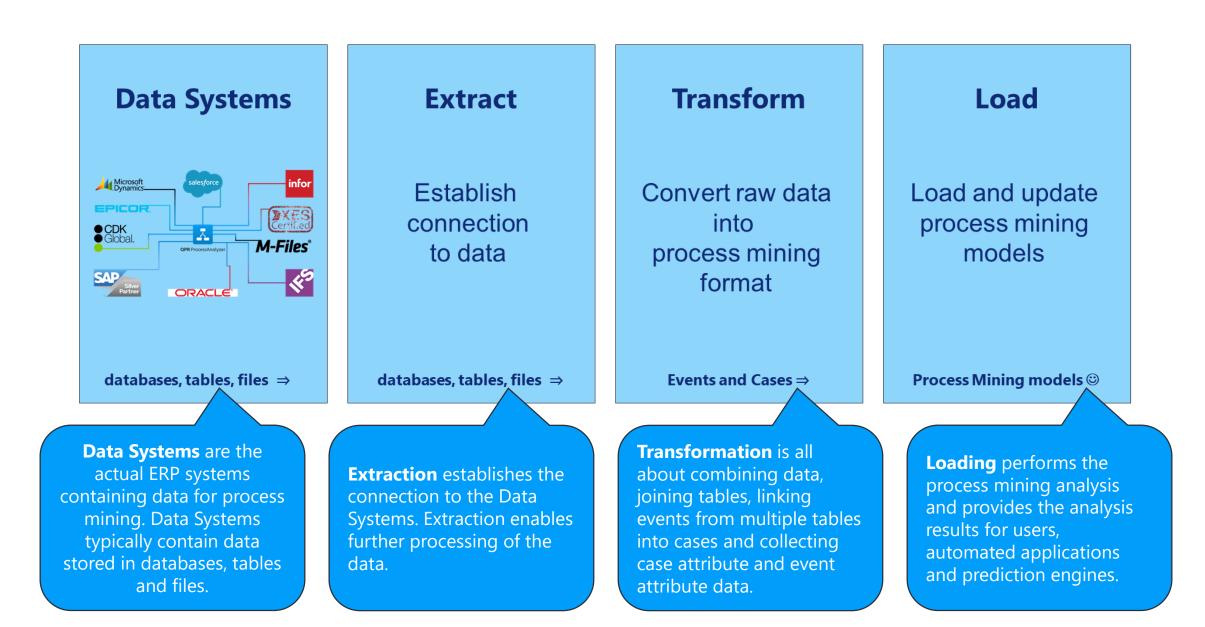


- Operative managers from service desk and customer delivery teams are asking for Artificial Intelligence based Case-Level
   Prediction Models that show, based on previous process flow behavior, the probability of Customer ticket not meeting the Service-Level Agreement (SLA) or customer delivery to be delivered late.
- These models are updated on agreed period, for example once per day as a tool for operative managers and teams for focusing their daily efforts and improving customer satisfaction.



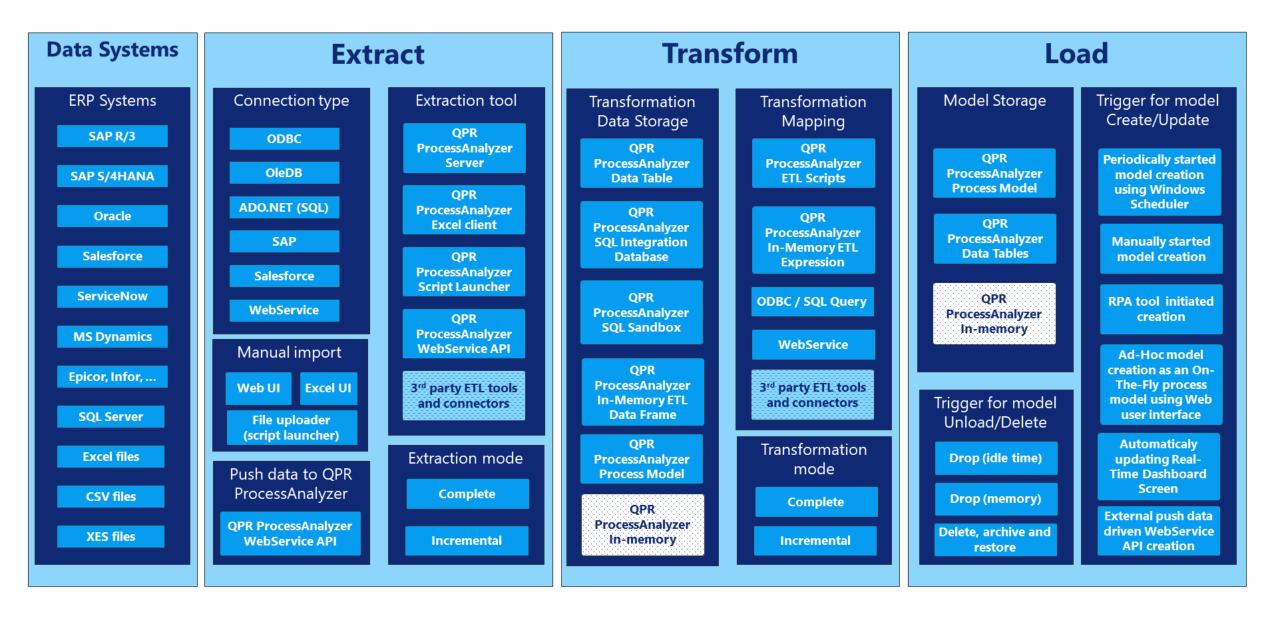
### **Real-Time Process Mining**





### **Real-Time Process Mining with QPR ProcessAnalyzer**



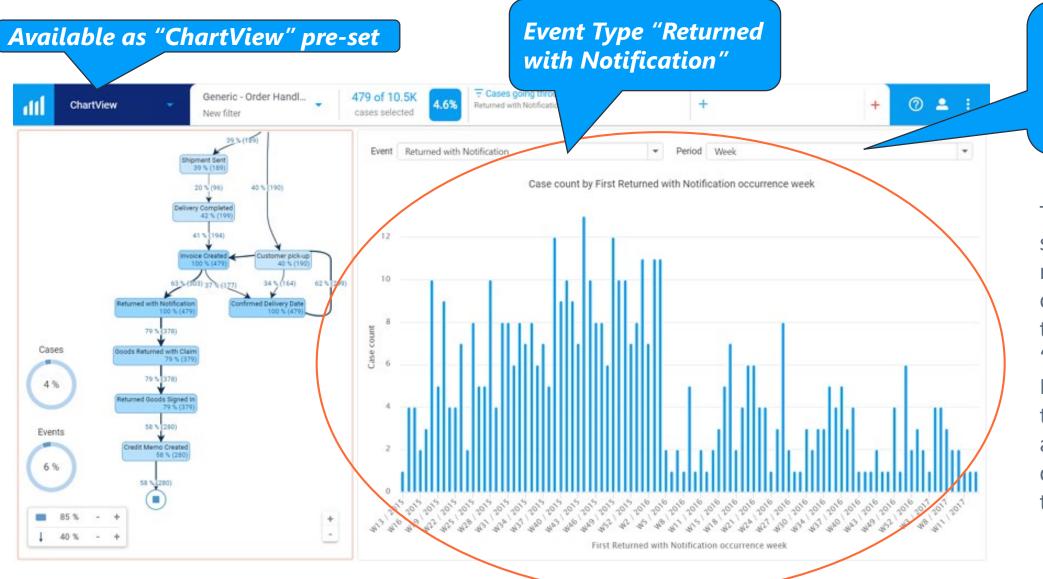




# Pre-configured Process Mining Charts

## **Case Trend by Selected Event**





Period level "Week" shows weekly range numbers in hisrogram

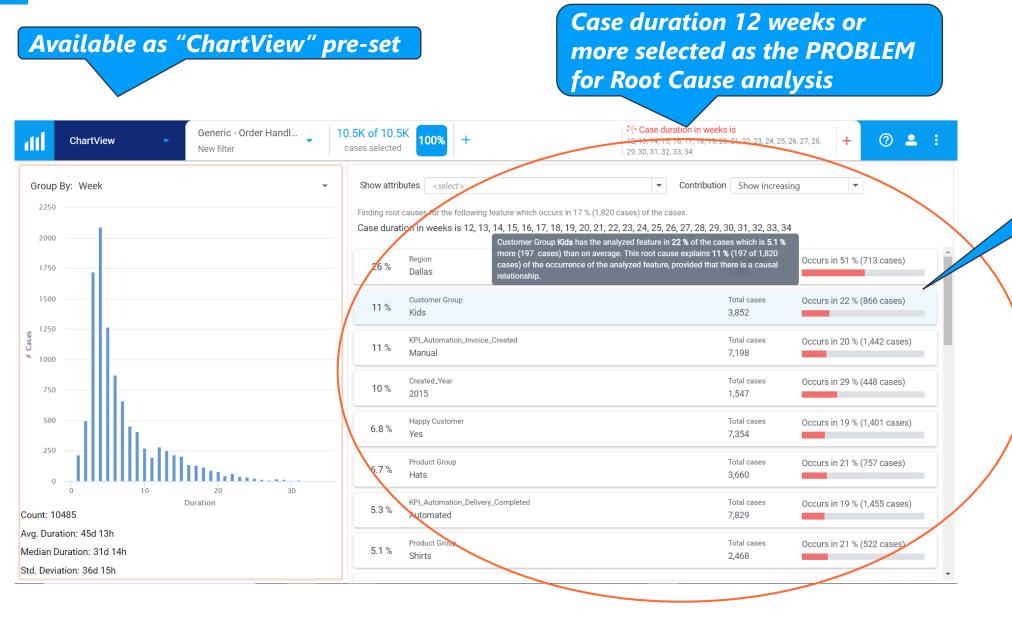
This picture shows the number of occurrences of the event "Returned with Notification" taking place in any particular case for the first time





Customer Group "Kids" is the 2<sup>nd</sup> most significant Root Cause.

This picture shows the Root Cause analysis for the problem: "Case duration is 12+ weeks". Further Root Cause Drilldown allows asking "Why" several times to find 2+ level **Root Causes** 





# **QPR ProcessAnalyzer Usage Statistics Reporting**

QPR ProcessAnalyzer Usage Statistics Reporting:

1. understand model usage

2. ensure the results are delivered to right people

### Latest Operations



- Visualization: Table
- Columns: Operation, Start Time, End Time, Model, User, Duration and Additional Data

### Operations by time

- Visualization: Column Chart
- Measures: Operation counts
- Dimensions: Start Time (=> trend)

### Operation durations

- Visualization: Column Chart
- Measures: Operation count
- Dimensions: Operation Durations in Seconds (=> histogram)

### Most used models

- Visualization: Table
- Columns: Operation count, Average operation duration
- Dimensions: Model (=> Summary report)

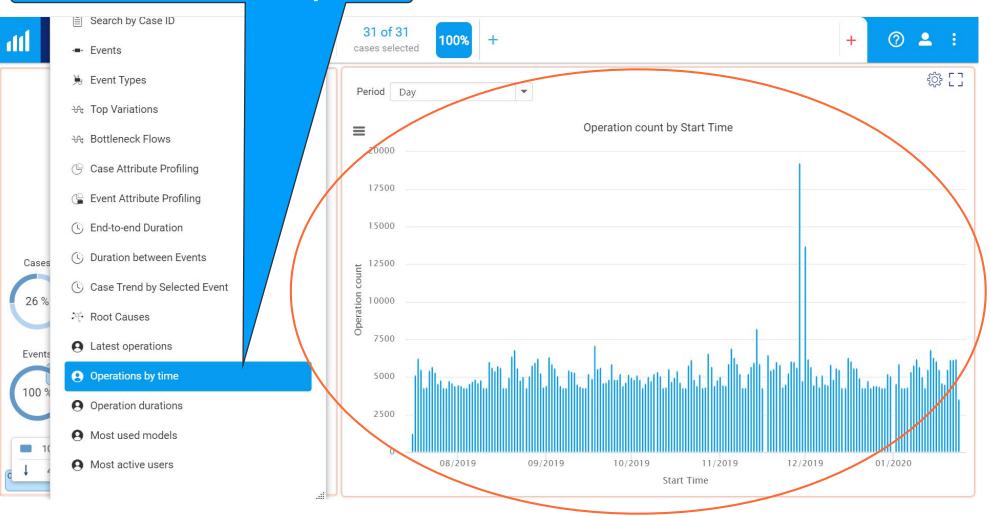
### Most active users

- Visualization: Table
- Columns: Operation count, Average operation duration
- Dimensions: User (=> Summary report)

## **Usage Statistics Reporting**



#### Available as "ChartView" pre-set



In this QPR ProcessAnalyzer system there has been about 3.000 – 7.000 user operations per day with the peak number of almost 20.000 operation in late November 2019



# **QPR ProcessAnalyzer 2020.2**

### QPR ProcessAnalyzer 2020.2

What to expect?

- Editing and managing filters => Save your process findings as filters. Specify a scope for more detailed analysis. Provide easy access to cases meeting certain characteristics.
- Chart Views On-screen Settings => enabling easy selections to all dashboards, allowing end users to easily change the parameters for a dashboard using drop down lists, checkboxes etc. Make the most important settings directly accessible for end users.
- URL links to Dashboard => making it possible to easily share dashboards in email messages and embedding to intranet & discussion forums etc.



## **Questions & Comments?**



- The recording will shortly be available at the QPR Community at <u>https://community.qpr.com</u>
  - Search for "new release webinars" or go directly to <u>https://community.qpr.com/on-demand-webinars</u>
- How to reach us?
  - Fill out the contact form at: <u>https://www.qpr.com/contact-us</u>
  - Email marketing@qpr.com

## Dare to improve.

Founded

1991

**Corporate headquarters** Helsinki, Finland **Stock symbol** QPR1V: Nasdaq, Helsinki

**Sold licenses** Over 1 million worldwide **Customers** Over 2000

**Industry recognitions** Gartner, Ventana Research, Palladium, Forrester Research

#### **Products**

QPR ProcessAnalyzer QPR Metrics QPR ProcessDesigner QPR EnterpriseArchitect