

# RPA - Blue prism I

Course code: RPA\_BP\_INTRO

The course deals with the analysis and development of processes in the RPA tool Blue prism. Software Blue prism has long been one of the most widespread and most successful RPA tools. In the course, in three days each participant will be able to get acquainted with the basic functionalities of the RPA tool Blue prism. He will gain basic knowledge about the principles and possibilities of developing robots for simple processes using this tool.

## Who is the course for:

- For anyone who wants to automate processes through RPA Blue prism.

## Prerequisites:

- General knowledge of RPA + ideally experience with creating macros. Any experience with object-oriented programming methods is an advantage.
- Knowledge at the RPA\_INTRO entry course level

## Teaching methods:

- Expert explanation with practical examples, exercises on computers.

## Study materials:

- Sample documentation created according to best practice (PDD + SDD)
- Links to individual RPA tools and related community sites
- Material with general information on the structure of RPA tools.
- Several sample workflows and components for use in Blue prism

## Outline:

### 1. day - introduction to RPA and Blue Prism + preparation and documentation

- Introduction of the largest / most widespread RPA tools and their general comparison with Blue prism
- Blue Prism - Information on the tool, division, parts, licensing policy and methodology
- Blue Prism Labs Exercise
- General tips for preparing, mapping, and creating PDD and SDD documentation
- How to work with PDD (Process Definition Document)
- How to create a Solution Design Document (SDD)
- Download and install the trial version of Blue Prism
- Introduction to Blue Prism Process and Object Studio - what the application consists of, orientation in the tool and basic settings

### 2. day - basics of automation script development in Blue Prism

- Processes and objects (available stage, flowchart, state machine and more)
- Basic robot workflow design and how to construct it (level 1, level 2, level 3)
- Logging
- Manage variables and arguments
- Basics of error handling and handling exceptions
- Development of training processes and demonstration of best practice

### 3. day - basics of automation script development in Blue Prism

- Cycles, conditions, decisions
- Timeout, Wait and their settings in the workflow
- Inputs and outputs
- Working with emails
- Working with tables in MS Excel
- Application Models
- Working with objects

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- Development of components and their connection to the entire workflow
- Component testing and argument definition
- Debugging and debugging / catching errors
- Development of training processes and demonstration of best practice

Course continuity:

- This course is preceded by [RPA\_INTRO] and followed by [RPA\_BP\_ADV].

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