RPA for Automating Invoice Creation Process using UiPath

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Agenda

- What do we mean by **Robots?**
- **RPA** Overview
- **RPA** Components
- Real Time **RPA**
- Tools for **RPA**
- **UiPath** Architecture
- **UiPath** Overview
- **UiPath** Components

What do we mean by **Robots?**

Robotic Process Automation (RPA)

Allows you to rapidly automate repetitive, manual tasks and allow knowledge workers to perform higher value work

Bots **replicate an user's actions** with the user interfaces of applications(Desktop, Web and Mainframe)

Reduce System Integration Costs

Automate Swivel Chair Activities

Execute High Volume Tasks

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RPA - The Components

Create

Record web, desktop and legacy applications as tasks

⏺ **Record Task**

Manage

- Bot Repository
- Bot Scheduler
- Version Control
- User Management
- Role Based Access
- Audit Trail

Run

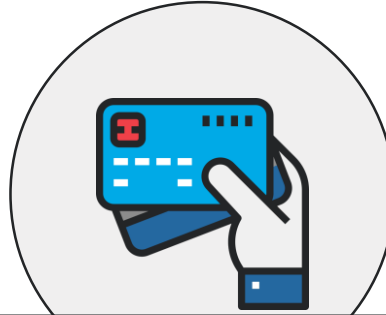Playback tasks on a remote server with bot runtime
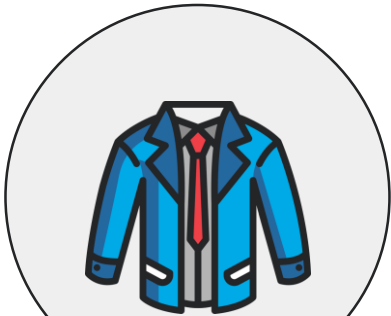
▶ **Playback**

RPA in **Real Life**

Finance

Banking

Retail

Textile

Hospitality

Insurance

Tools For RPA

01 Blue Prism

02 Inflectra Rapise

03 UiPath

04 Automation

05 Linx

06 Kryon

07 Nice System

08 Pega

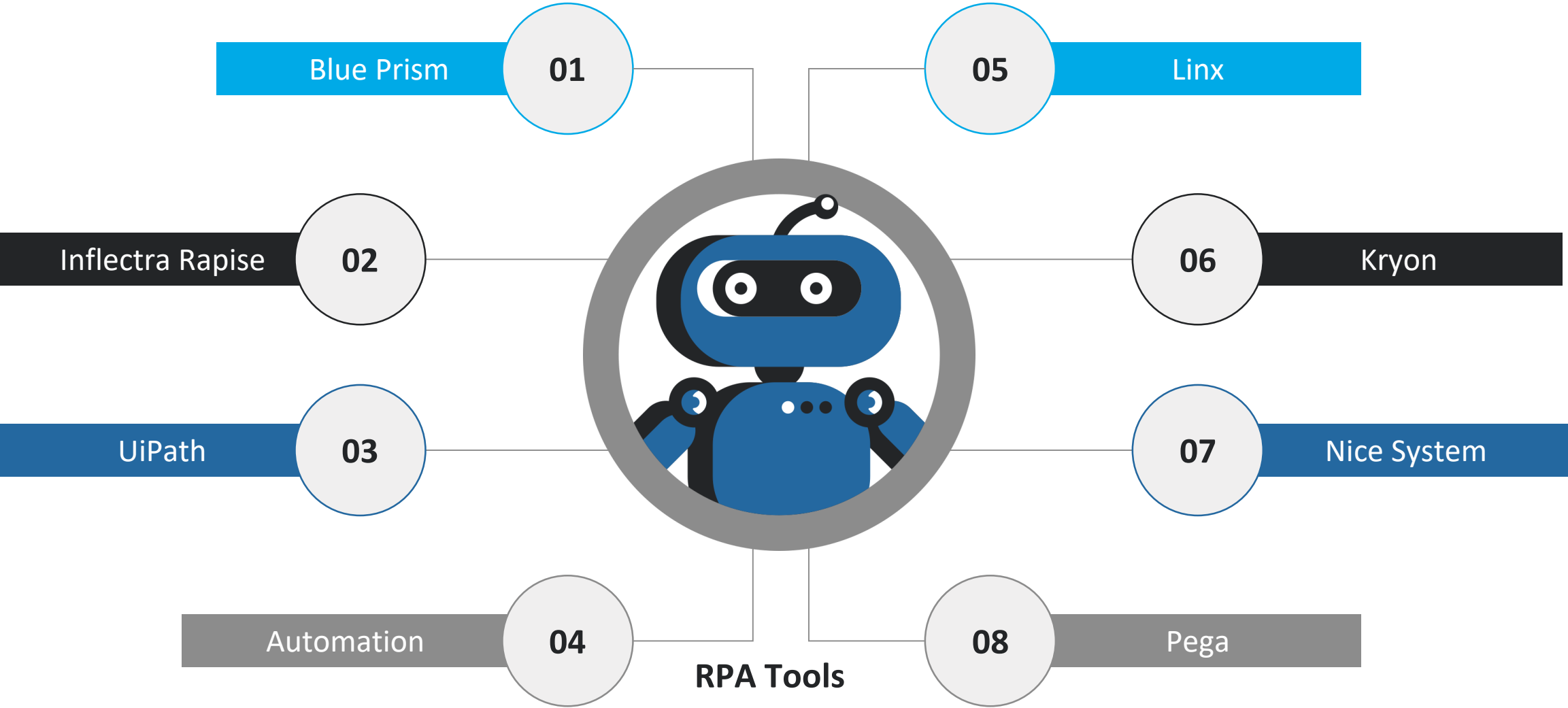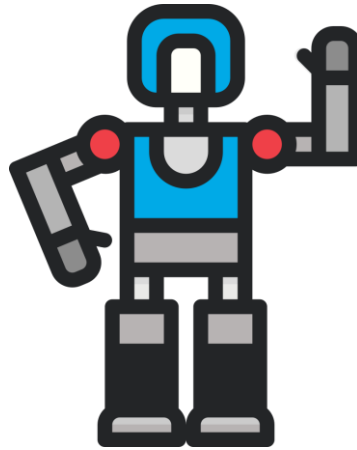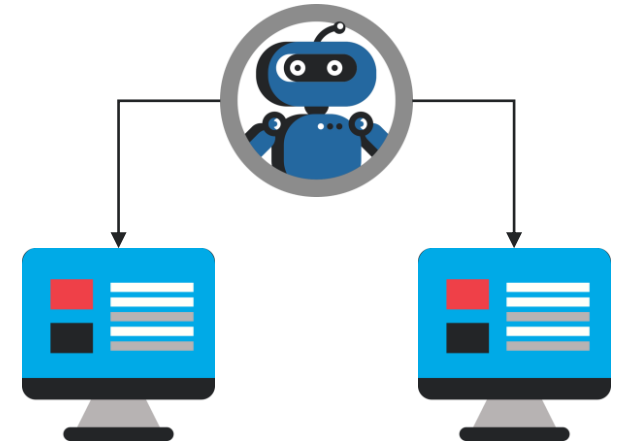**RPA Tools**

UiPath High-Level Architecture

UiPath Studio
An advanced tool that enables you to design automation process in a visual manner, using drag-and-drop functionality

UiPath Robot
Robot executes the process built in studio, just like humans

UiPath Orchestrator
Orchestrator is a web application that enables us to deploy, schedule, monitor and manage Robots and process

Introduction to UIPath

- UiPath Studio encapsulates both simple and complex solutions for application integration and automating third-party applications, administrative IT tasks, and business IT processes

- Studio is at the heart of automation with UiPath products. **Activities** form into comprehensive workflows in Studio, which are then executed by the **Robot** and published to Orchestrator

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UiPath - Project Types

Sequences	It is suitable to linear processes, enabling you to smoothly go from one activity to another, without cluttering your project
Flowcharts	It is suitable to a more complex business logic, enabling you to integrate decisions and connect activities in a more diverse manner, through multiple branching logic operators
State Machines	It is suitable for very large projects; they use a finite number of states in their execution which are triggered by a condition (transition) or activity

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Thank you

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