



SNS COLLEGE OF TECHNOLOGY



(An Autonomous Institution)

COIMBATORE-35

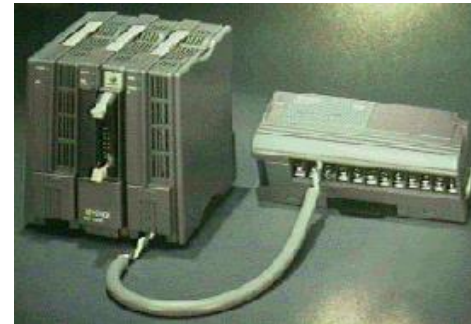
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UNIT IV: ROBOTICS IN INDUSTRY 4.0



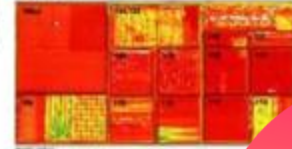
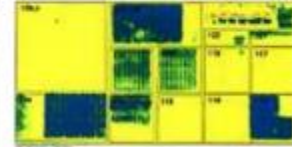
TOPIC: **Hybrid Robot**





Agricultural Functions Performed

- Precision agriculture
- Vertical farming
- Aerial surveillance of crops
- Weed detection
- Soil/moisture assessment
- Disease assessment





Impact of hybrid robotic process automation in organization

The slide provides the benefits of implementing hybrid robotic process automation in an organization to improve productivity. It includes benefits such as full visibility, end-to-end process, higher employee satisfaction and customer satisfaction.



- 01 Full visibility**
 - Give employees full transparency over task delegates to robots
 - Track task status and robot actions using desktop
 - Add text here
- 02 End-to-end process**
 - Ensure maximum efficiency by assigning the tasks to virtual teams
 - Focus on high value tasks that require human involvement
 - Add text here
- 03 Higher employee satisfaction**
 - Delegate high-end back office tasks to robots
 - ✓ Document processing
 - ✓ Payment tracking
 - ✓ Add text here
- 04 Customer satisfaction**
 - Eliminate repetitive tasks
 - Reduce average call handling time by 40% using
 - ✓ Abandoned calls
 - ✓ Unattended calls
 - ✓ Add text here



Robotic process automation implementation challenges with recommendations

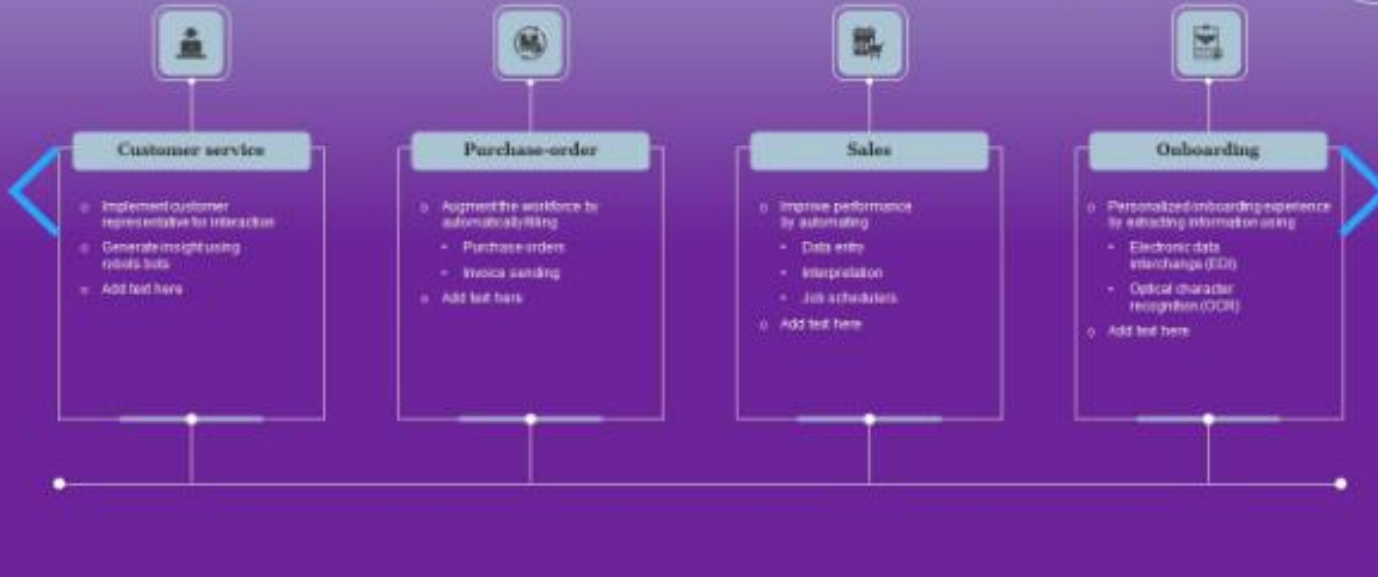
This slide provides information about various challenges of implementing robotic process automation along with solutions to overcome them. It includes challenges such as lack of skilled employees, complexity of solution and governance.





Hybrid robotic process automation use cases to optimize tasks

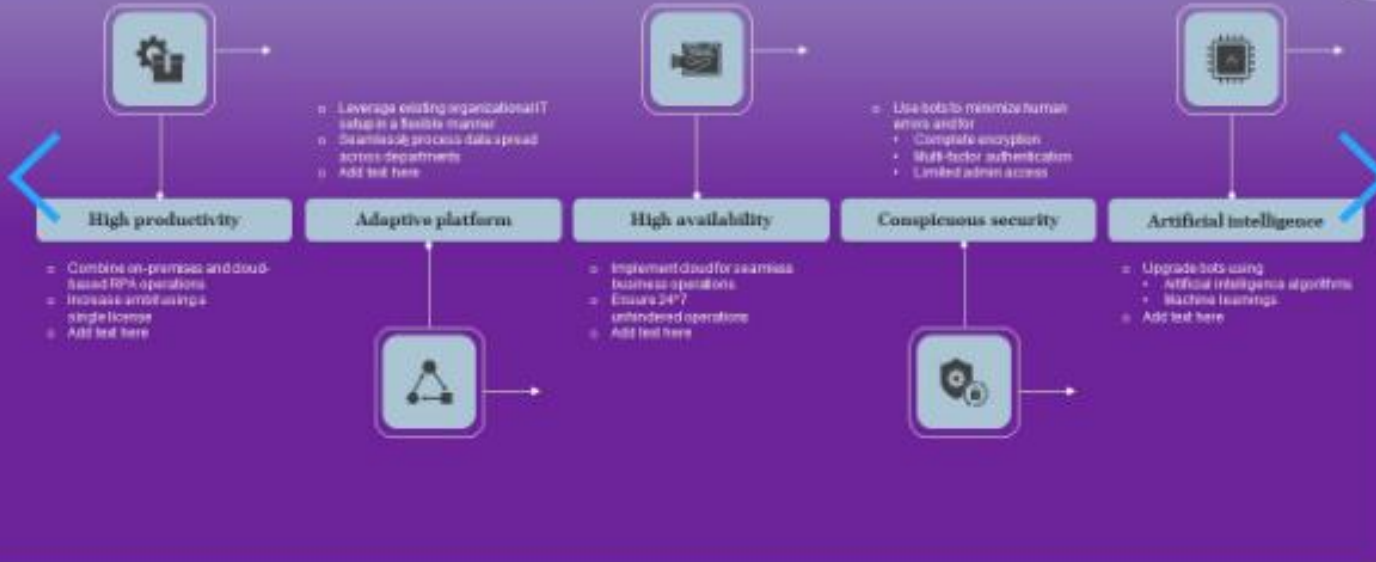
The SNS Institute uses various cases of hybrid robotic process automation to optimize tasks and activities. It includes use cases such as customer service, purchase order, sales and onboarding.





Hybrid cloud operation robotic process automation relevance for organization

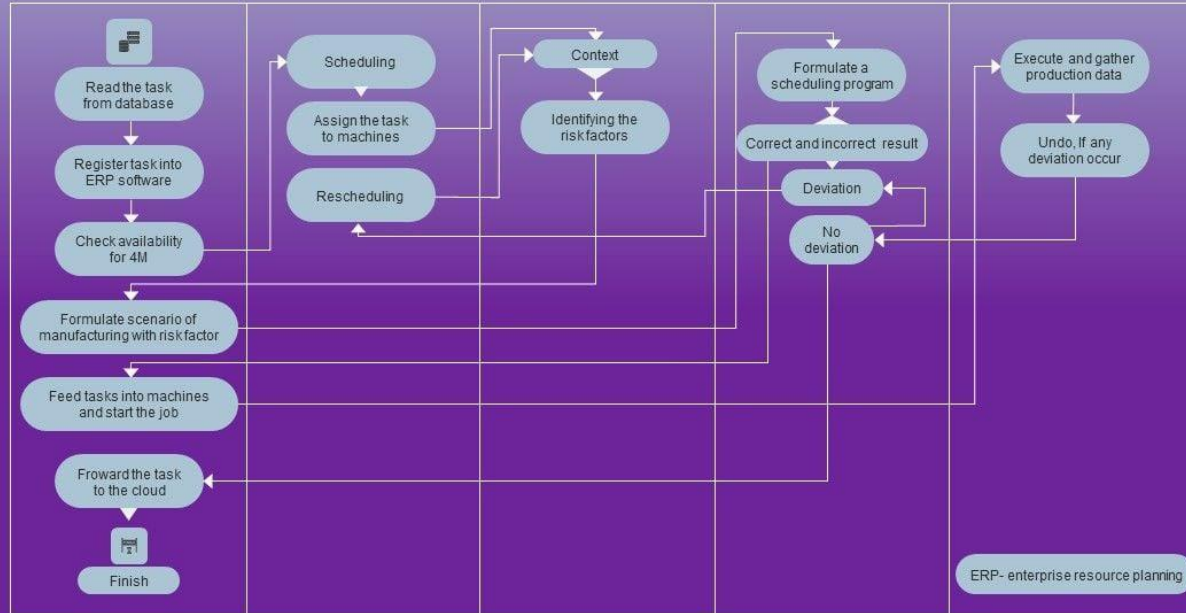
The value of storage relevance of hybrid cloud operation robotic process automation for organization development. It includes elements such as high productivity, adaptive platform, high availability, conspicuous security and artificial intelligence.





Hybrid scheduling model robotic process automation framework

This slide showcases the framework of the hybrid scheduling model robotic process automation. It includes elements such as read the task from the database, rescheduling, deviation, tasks etc.

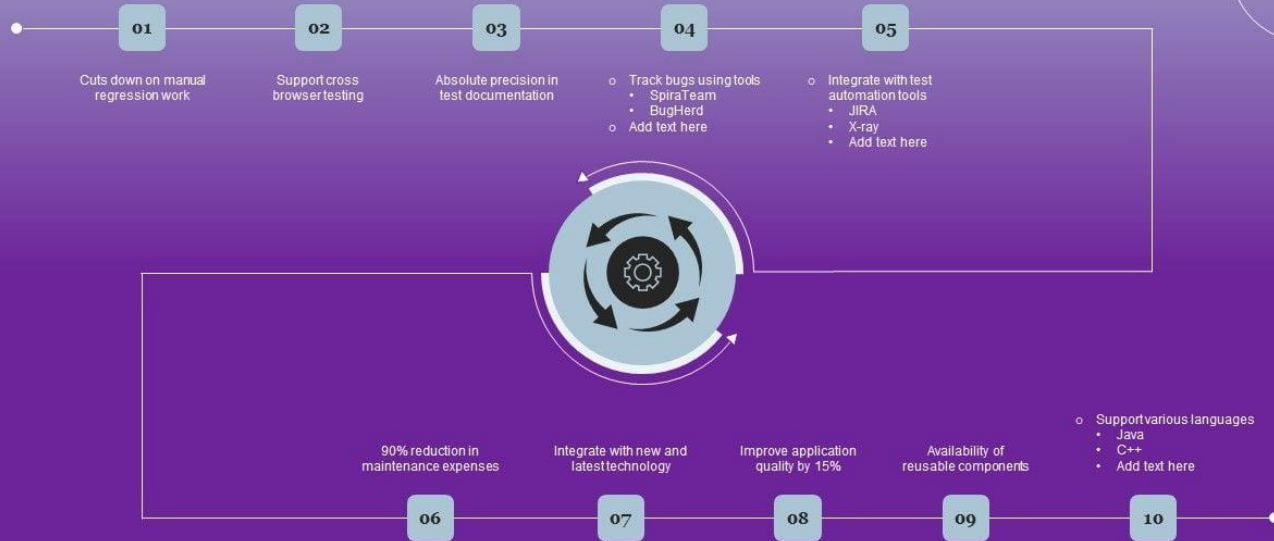


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Hybrid test robotic process automation features for successful implementation

This slide provides information about various features that hybrid test automation must possess to optimize tasks. It includes features such as bug tracking language supporting, manual regression work, latest technology integration etc.



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Process to formulate hybrid robotic process automation strategy effectively

This slide provides information about seven-step process to formulate an effective strategy of hybrid robotic process automation. It includes steps such as define success, identify candidates, implement solutions, formulate governance structure etc.



01 Define success

- Increase company sales by 20%
- Boost company productivity by 60%
- Add text here



02 Identify candidates

- Choose potential candidates to perform activities
 - Data collection
 - Analyzing
- Add text here



03 Implement solutions

- Complete transactions without human involvement using
 - Virtual machine robots
 - On-desktop robots



07 Plan for future

- Regularly updates to the new and latest technology
- Look for new ways to solve problems
- Add text here



06 Analyze and iterate

- Analyze the situation by measuring employee performance
- Provide measurable return on investment
- Add text here



05 Work with trusted providers

- Formulate partnership with trusted party for
 - Plan development
 - Effective implementation
- Add text here



04 Formulate governance structures

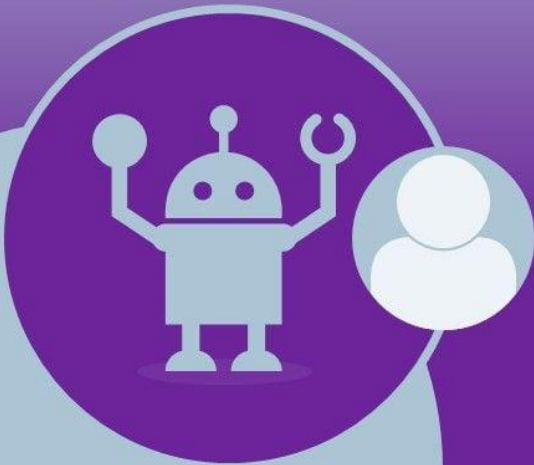
- Analyze the company needs and define a centralized governance structure to handle issues
 - Data siloing
 - Compliance

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Hybrid robotic process automation for process improvement icon



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RECAP....



...THANK YOU