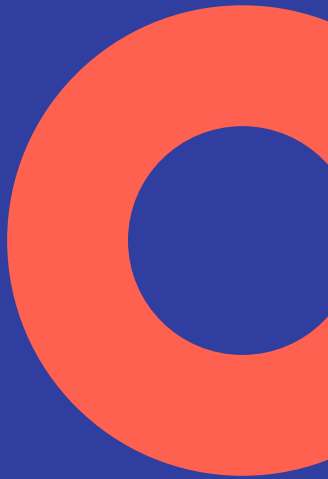




Smartbot assisted DevOps



Companies often underestimate the amount of work required in a DevOps transformation. DevOps initiatives **fail to meet their goals due** to issues around organisational **learning and change**.

DevOps is emerging as one of the most critical roles in IT operations. The demand for consistent user experiences and the advent of complex cloud architectures has shifted the operational focus from just keeping the lights on. It's about performance and consistency. Apps have to work well, the experience has to be great, and the infrastructure needs continual monitoring. When imbibing the DevOps culture teams take a software engineering approach to operations, thereby changing the goal to manage a larger volume of changes, faster, and accept the risk of doing more changes into the infrastructure. Organisational learning and change are key to allowing DevOps to flourish. In other words, people-related factors tend to be the greatest challenges — not technology.

Botprise is a leading hyperautomation platform for IT operations with Smartbots capable of automating workflows that involve people, processes and tools, leveraging their data for driving precision to workflows, reducing human error and speeding up execution. Botprise can integrate into your DevOps toolchain and automate the process Change automation, team planning, continuous testing & compliance, release and deployment readiness, availability & performance monitoring, incident response, toil reduction, alert fatigue reduction, SLO & error budget tracking are some of the core areas of DevOps (and SRE) that automations should focus one.

Introducing, Botprise's smartbot assisted DevOps. Our smartbots take the heavy lifting off your workforce giving them the ability to focus on the problems that matter to you the most.

How can our smartbots help you meet your objectives?



Increase Scale

Connectivity and insight to scale DevOps and meet transformation goals. Drive productivity and collaboration with off-the-shelf integrations across multiple toolchains.



Lower Risk

Develop and deploy at speed while reducing risk. Automatically gather and connect the right information from the DevOps toolchain to maintain an end-to-end audit trail – all in one place



Speed

Automated change creation, tracking, and approval help you deliver innovation at the pace your enterprise needs without compromising quality



Automate

Introduce powerful smartbots that are capable of performing tasks that your teams do today and align them to your processes.



Bring Intelligence

Use the power of the Botprise's AI/ML enabled decision units to make powerful decisions and recommendations in your operational processes

Don't let your workforce be the weak link in your service delivery.

Use-case: **Deployment automation**

Deployment automation is what enables enterprises to deploy software to testing and production environments by calling bots into action. Automation is essential to reduce the risk to production deployments. It's also essential for providing fast feedback on the quality of software by allowing teams to do comprehensive testing as soon as possible after changes.

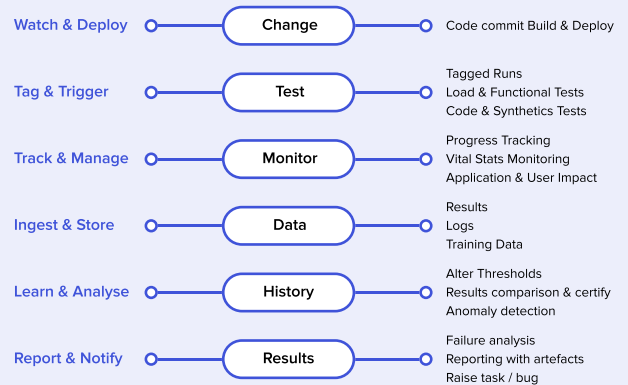
For example, a Smartbot can be modelled and called to action when a new build gets deployed and is able to automatically execute performance tests, functional test scripts, execute code compliance checks, evaluate SLIs against SLOs, use AI/ML techniques to compare performance with previous successful releases and predict whether a build can be considered production ready or not. Botprise, with its integrations with market leading DevOps and SRE centric tools and by working with the data from them, is able to derive intelligence and use them in the execution of the workflows.

Powerful DevOps Smartbots in a few clicks:

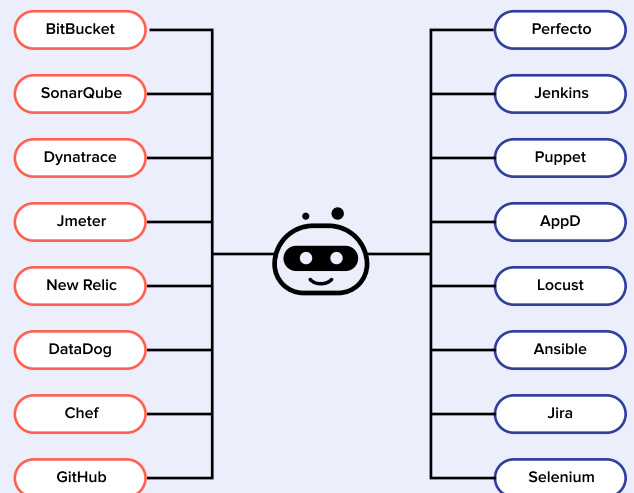
One of the key components of the Botprise platform is its zero-code smart workflow builder. The Botprise smart workflow studio helps users with no experience in coding build powerful workflows that model the process their MDS operating environments require. The workflow builder in the studio offers a large collection of building blocks a.k.a “Automation Units”. Automation units that are specific to your DevOps toolchain are available on Botprise. Drag and drop these automation units into your workflow builder, connect them up just as you would draw your flowcharts, save them and you are well on your way to deploying the most powerful smartbots for your DevOps process.

Botprise smartbots can be brought into action under various conditions. Imagine the power of you automations with the following triggers to start you smartbots:

- **Scheduled** - Schedule bots to start operations at specific time of the day or at regular intervals - Service and Health monitoring bots are typically scheduled to run this way.
- **Events** - Specific events can trigger a workflow on Botprise. Example: A code commit even can trigger off your deployment, testing and release process.



Powerful DevOps Smartbots in a few clicks:



Build workflows around:

- Service health & Monitoring
- Performance management
- Infrastructure automation
- Deployment automation
- Continuous compliance
- Change automation
- Release readiness
- Test automation

- **Manual** - Simply click on the Smartbot and trigger a manual launch your workflows. Test cycles that need to be run off the automated workflow cycles are examples of when bots are launched manually. Infrastructure deployment is another example.
- **API driven** - Botprise permits bots to be executed upon API calls. This allows bots to be called to action from your application or on external tools.

About **Botprise**

The next frontier of Autonomous IT operations

Botprise is a leading hyperautomation platform for IT operations with Smartbots capable of automating customer's workflows, leveraging their data for driving precision to workflows, reducing human error and speeding up execution of their business or operational processes. Simply put, we enable the agile enterprise in Hyperautomation using smart bots with advanced AI and workflow automation. Botprise has been designed to drive a data driven approach to enterprise automations with bots and we have been successful in addressing various use cases in IT Operations, Cloud Operations, Security Operations, SRE, Application Managements, DevOps, etc. Botprise can integrate into your application and management stack and automate your processes. Botprise's capability in delivering intelligence and insights from operational data makes it capable of giving more

makes it capable of giving more power to your workflows thereby giving them the intelligence equivalent to your skilled resource who handle those tasks today. Botprise's ability to attract the skilled developer to engage in the development of smartbots natively on the platform offers a unique proposition for organisations to deploy their developer's time to focus on automations. Having said that, Botprise is also attractive to the operations team who's process designers can design workflows albeit not having skills to write out code. This brings about the effective collaboration between your developer and operations teams for more meaningful and targeted automations. We help organisations increase revenue, decrease costs and improve service levels through our industry leading incident management, predictive analytics and AI/ML driven smartbots.

