Organizations are adopting DevOps to shorten the development lifecycle and enable continuous delivery of software. But how can they ensure these improvements map to more value for the customer? Enter: Value stream management and orchestration.

**What is Value Stream Orchestration?**

1. **Automation**
   - IT pros must ask several questions to ensure a task is automated correctly: When should the task run? Are there variables affecting when it should run? What files need to exist? Should other tasks be completed first? Does this task take up resources that would prevent other tasks from running? DevOps VSM should provide the answers.

2. **Orchestration**
   - Orchestration connects the complex interrelationships that enable the automation of a complete value stream. When it comes to DevOps, orchestration must be sophisticated enough to address both the technical intricacies of task-level workflows and the high-level view of value-generating processes spanning several technology stacks.

3. **Visualization**
   - The visualization of automated workflows helps data engineers remember how each process was choreographed, understand the impact of new changes and make adjustments properly. Enterprises can optimize thousands of workloads across value streams, increasing the value they deliver to customers at scale.

4. **Integration**
   - Value stream management and orchestration platforms integrate with best-of-breed DevOps solutions, including Kubernetes, Azure DevOps, Ansible, Jenkins, Jira, Selenium and ServiceNow. When enterprises deploy several open-source DevOps tools, it creates a DevOps toolchain. Integration with DevOps toolchains are vital for success.

5. **Governance**
   - Value stream management and orchestration platforms should simplify governance. They must centralize configuration, visibility and management of simple and complex value streams, across all platforms and applications, from the mainframe to the cloud.

6. **Reporting and analytics**
   - A DevOps VSM platform should enable stakeholders to discover critical data and trends with a real-time dashboard. Dynamic charts and reports tell the story of the value stream's health, allowing teams to make data-driven decisions and continuously improve processes.

To compete in today's market, your enterprise must view everything through the lens of creating customer value. DevOps value stream management and orchestration ensures your development and operations efforts deliver the biggest return possible at every step of the process.

**Rocket® Enterprise Orchestrator** offers the workload automation, value stream visibility and DevOps toolchain coordination enterprises need to optimize the creation and delivery of end-user value – from mainframe to cloud.

**Current barriers with workload automation**

- **Cross-platform collaboration**
- **Suboptimal delivery of value**
- **Technical limitations** and manual intervention

**Value Stream: n.**

The sequence of events required to deliver customer value. There are three kinds: