

# ALM and DevOps: Lean Application Delivery

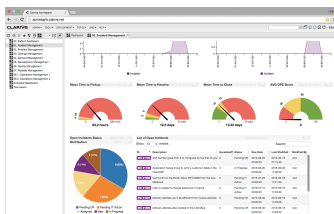
## SOLUTION BRIEF



### CLARIVE IN A NUTSHELL

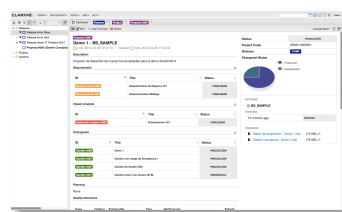
Aligning development with business and operations are key priorities for many organizations today. Clarive enables organizations to orchestrate the end-to-end lean application delivery processes in a pragmatic, affordable way, from demand to deployment.

#### Clarive provides:



Interactive Dashboards

- Gain role-based instant visibility into the application delivery process
- Drill into any level detail through graphics or related objects



Highly Flexible User-Defined Forms

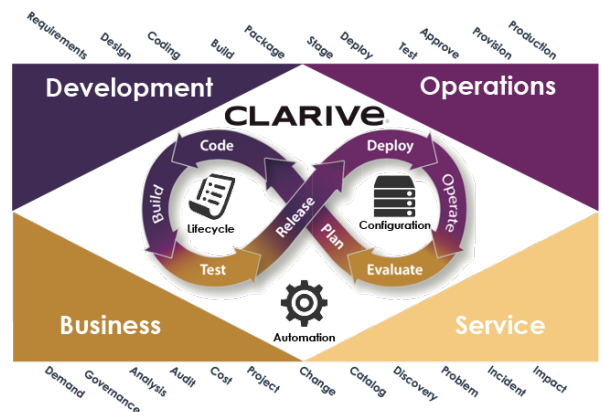
- Support for product, release, team, and sprint backlogs with easy drag & drop planning
- Include any number of dependencies between other topics or assets
- Drill down into any displayed topic or asset, straight from within the browser

*Supporting you in delivering the right business applications at the right speed, with the right quality, and at the right cost...in a repeatable way.*

## Patterns in Application Delivery

Today, software has become an integral part in most enterprises to provide services in a fast, reliable, and scalable way. Agile methodologies have become a widely deployed alternative alongside the more traditional, waterfall based, approaches to cope with business alignment and time to value. Organizations require bimodal capabilities to support both approaches, as one size does not fit all. Globally distributed development teams have become the norm rather than the exception.

At the same time, business continues to indicate that IT is often not able to not deliver the right value in the acceptable amount of time and at an affordable price to maximize its contribution to the business. While some IT organizations are able to do this occasionally, many struggle to deliver applications with quality in time in a repeatable fashion. On top of that, with increased audit & compliance requirements, IT is struggling to reduce its time and effort spent on those audits to prove compliance because of a lack of end-to-end transparency.



As indicated by a recent Forrester research DevOps survey, over 75% of IT organizations are looking into Release, Delivery, Deployment, and/or Infrastructure Automation to help them address the above. Gartner predicts that by 2017, 75% of IT organizations will require bimodal capabilities and that bimodal IT won't be a "nice to have".

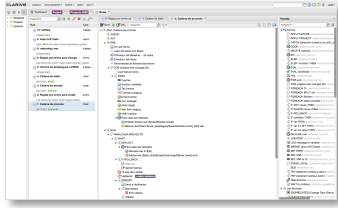
## Clarive's support for Lean Application Delivery

Clarive Software is a strong new partner helping a growing number of customers achieve DevOps success. Its senior management team has a long and successful track record in successfully implementing application delivery at numerous big customers in various industries.

To truly implement a Lean Application Delivery, bimodal or DevOps strategy, organizations need to review their supporting product portfolio, assess how much of the functionality is used from each tool, how many interfaces or collaboration channels need support, how many manual steps are part of the end-to-end delivery process, and above all, how accurately can instant insight into the actual situation be attained.

Clarive has been designed to better support the typical pain points encountered within Lean

- Graphical summarization of status or progress



*DevOps Domain Specific Language and Rule editor*

- Intuitive tree structure to retain script/rule oversight
- Drag and drop of reusable activities to quickly create new rules
- Adjustable level of rule granularity: no need for external coding/scripting
- Rule Version control and modification traceability

**Contact:**

Learn more about Clarive by visiting [www.clarive.com](http://www.clarive.com) or contact your Clarive representative.

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Application Delivery today, such as:

Pains	How Clarive will help
<ul style="list-style-type: none"> <li>• How do you ensure that the code that was actually tested is indeed the code that made it to production?</li> <li>• (Partially) Rolling back a deployment process is often a real challenge when it encompasses multiple server platforms, databases, portals, and/or ERP systems. This can cause significant extra downtime.</li> <li>• Often deployments are partially automated and partially manual. How do you orchestrate the end-to-end deployment process with confidence and quality? Often the deployment process is not repeatable, and heavily relying on a few individuals.</li> <li>• Your work becomes more and more regulated and this consumes an increasing amount of resources.</li> <li>• You have difficulty in properly managing requirements and linking them effectively to the corresponding artefacts within the development lifecycle.</li> <li>• Your release management process is risky and does not support you to accurately plan and trace releases back to business demand.</li> <li>• Automating release and deployment needs to consider various constraints between applications, environments, and/or services. You have challenges in planning around those.</li> <li>• You have to support a bimodal approach to software development.</li> </ul>	<ul style="list-style-type: none"> <li>• Clarive supports mainframe, Unix, Linux, Windows, Mobile, and Cloud platforms as well as most middleware, databases, and programming languages on these platforms.</li> <li>• Clarive provides a unique highly flexible rule engine with a domain specific language designed for DevOps. It allows you to control your deployment and rollback process to any level of granularity without needing to script externally. It supports manual steps, pausing, semaphores, quality gates, milestones, forking, error trapping and much more.</li> <li>• Clarive will version control your Application Delivery process rules, and is able to provide change reporting for maximum agility support.</li> <li>• Clarive will incorporate asset changes from any version control tool including Subversion, Git, TFS, Changeman, CVS, PVCS, Plastic SCM, Perforce, CA SCM, or Clearcase and many more. The product ships with an enriched to enterprise level version of git out-of-the-box, including LDAP security.</li> <li>• Clarive will keep the status of all your tickets in sync during status transition, even between integrated 3<sup>rd</sup> party tools.</li> <li>• Clarive supports visual and intelligent dependency management of assets and topics for detailed impact analysis</li> <li>• Clarive supports SQL parsing verification and deployment</li> <li>• Clarive allows you to plan your releases and deployments in combination with a unique scheduling constraint mechanism based on environments, applications, and services.</li> <li>• Clarive has built in flexible dashboarding and reporting for visibility and auditability with version control.</li> <li>• Clarive supports any type of methodology and its hyper flexible topic approach supports both traditional and Agile concepts.</li> </ul>

To successfully deliver applications, most people recognize that process automation is only a small part of the puzzle. Our experienced partners and consultants have coached many organizations to success. To learn more, please contact your Clarive representative or visit us at [www.clarive.com](http://www.clarive.com).