

# Release Management Metrics

Resources on metrics and KPIs that can be used to track and improve software releases.

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Below we have compiled publicly available sources from around the world that present views on Release Management Metrics.

## Perspectives on Release Management Metrics

### Gartner Magic Quadrant: Application Release Automation

**Gartner** Download the full report

- **Agile Project Reporting and Metrics - Release Backlog and Planning**

I have written this article to address an issue I've recently run across in my work: The PMO is finding it difficult to adjust to the Agile process, and this is affecting the reporting of the R&D team. Management is in the process of moving the ALM (application lifecycle management) process into more of traditional process to align with the PMO. I would like to suggest an alternative approach.

[Read the article on scrumalliance.org »](#)

- **Portfolio Management in the Age of Digital Enterprises**

As companies move to become a digital enterprise they are often faced with a serious disconnect between their desires, strategies and execution. Building a digital enterprise takes considerable time and money, as the business needs to build new high-impact customer facing applications while revamping old, legacy IT systems and architectures.

[Read the article on thoughtworks.com »](#)

- **Five Agile Metrics You Won't Hate**

How to use agile metrics to optimize your delivery? Learn about sprint burndown, epic and release burndown, velocity, control charts & the cumulative flow diagram.

[Read the article on atlassian.com »](#)

- **ITIL Service Desk Management Metrics: Change, Incident, Problem and Release Management**

Metrics should be established so that performance of the Service Desk can be evaluated at regular intervals. This is important to assess the health, maturity, efficiency, effectiveness and any opportunities to improve Service Desk operations.

[Read the article on activexperts.com »](#)

- Agile Metrics that Translate into Real Results  
2016  
[airbrake.io](#)
- Enhancing IT Quality Metrics with Six Sigma  
[isixsigma.com](#)
- Video: Release management KPIs  
[youtube.com](#)
- Adopting Metrics Based Release Management Assist Cost Cutting  
[infosys.com](#)



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Continuous Delivery Pipeline  
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- [KPIs Release Management  
wiki.en.it-processmaps.com](http://wiki.en.it-processmaps.com)
- [Release Management KPI  
itilmaps.com](http://itilmaps.com)
- [Tackling the KPI problem in Relation to Release Management  
rmcloud.wordpress.com](http://rmcloud.wordpress.com)

## General Checklists

- **Key Performance Indicators of IT Service Management - Release and Deployment Management**

For the monitoring and control of processes and functions of IT Service Management according to ITIL® respective Key Performance Indicators are defined. They always have to address the Critical Success Factors and goals of the respective process.

[Read the article on wiki.en.itsmprocesses.com](http://wiki.en.itsmprocesses.com) »

## Tools

- **ElectricFlow - DevOps Release Automation**

Promote and track applications and environments in traditional and CD-style pipelines and releases.

[Read the article on electric-cloud.com](http://electric-cloud.com) »

- **Microsoft Visual Studio Quality dashboard (Agile and CMMI)**

Obtain an overview of progress occurring in the test, development, and build areas as they relate to the quality of the software under development.

[Read the article on msdn.microsoft.com](http://msdn.microsoft.com) »

- **Rally Release Dashboard App**  
[help.rallydev.com](http://help.rallydev.com)  
Displays iteration data in several formats, including pie charts, a general health summary, and an advanced burndown chart.
- **Bitergia Software Development Analytics**  
[bitergia.com](http://bitergia.com)  
Gathering data and information from the most common tools used in software development by projects and their communities.
- **Release and Deployment Management Metrics Tool**  
[infotech.com](http://infotech.com)  
This tool should be used to monitor key performance indicators and report the success of your release and deployment management process to stakeholders.
- **Tableau Software Development Analytics**  
[tableau.com](http://tableau.com)  
Gives you a view across complex operational data and metrics from one interactive dashboard.
- **SQUARE**  
[squaring.com](http://squaring.com)  
The actionable dashboard to manage software & systems development projects.

## Templates

- [Release Management Reporting Template - XYZ Medica reportingservices.com](#)

## Examples

- [Sample Metrics For ITIL Processes itbenchmark.files.wordpress.com](#)

## Training

- [Software Metrics to Improve Release Management stickybrains.com](#)

## Further Reading

- [Release Management Definitions and Overviews](#) — Definitions, overviews and introductions from numerous experts on release management - a process whereby software is taken from requirements, through development and testing, until deployment and delivery of finished software to users.
- [Examples of Release Management Process](#) — Detailed examples from real organizations of the general release management process of specific open source and commercial software.

## Gartner Magic Quadrant: Application Release Automation

**Gartner** [Download the full report](#)

## Suggest a Resource!

Know an online resource which could be relevant for this wiki page? We're constantly updating our wiki and will be happy to review it!

Submit a URL for Inclusion in the Wiki