

# An **architects** opinion about **JobRunr**

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# Helping teams succeed

Tight deadlines. Projects that go overdue. Limited budgets.


If these sound familiar, you're not alone. Software development is a difficult field to work in, despite being one of the fastest-growing in the world.

As a software professional myself, I have encountered all the problems related to software development during my career. I've worked in teams that had a lot of problems to deliver anything useful and in teams that excelled in producing stable incremental releases where each release contained a lot of exciting new features.

**The difference?** *Trust by the complete organization and management in the teams that create the actual software which itself fosters open communication, candor and innovation.*

By managing with curiosity and listening to your teams questions and needs you will help them grow a culture of self-organization and you will foster the ideal environment for a high-performant software team.

So if they are asking for faster pc's, a software component that must be bought or anything else – consider it – it may just help to create that excelling team.



**Great things in  
business are never  
done by one person;  
they're done by a team  
of people. - *Steve Jobs***





# The motivation behind JobRunr

JobRunr helps to offload long-during processes to resilient background workers so that users of your application have the best possible experience.

Take the example of a web shop – the moment a customer orders one of your products, behind the scenes a lot happens: the inventory must be updated, an invoice must be send, the delivery of the product must be scheduled, ...

If you would do all this while keeping the customer waiting, he would swiftly leave your web shop and on top of that many things can go wrong: the mail server might be down when sending the invoice, the API of your preferred delivery partner may not be working, ...

JobRunr allows to run these long-running processes in the background and adds resilience: if one of these tasks fails for some reason, it automatically retries the job. It also comes with an extensive dashboard so you and your team can follow up easily.

The web shop example is just one illustration where it can help – it is already used in e-government applications, e-commerce applications and electric grid software.

Your software team could build this themselves of course – but do you want them to spend time on something which is not part of your core business? And wouldn't you want a solution which is battle-tested? *JobRunr helps your team to focus on what really matters.*

## Top 4 reasons companies choose JobRunr Pro



Faster time to market



Built-in dashboard



Happier users thanks to automatic retries



Queue support for business critical jobs

A background image showing a person's hand interacting with a tablet computer on a wooden desk. A white cup of black coffee sits on a saucer to the right of the tablet. The scene is brightly lit, suggesting a modern office or home workspace.

# JobRunr Pro Advantages

The JobRunr Pro extension adds a lot of features your software team will enjoy and for the overall company the results will be a faster time to market, less incidents, a happier team, and overall a better product.

- **Simple but powerful** – JobRunr Pro has simple concepts which makes it easy to implement by your developers. But do not be fooled by this: it takes care of your critical business processes and includes features like distribution of load and queues for jobs that need to finish in-time.
- **Flexible** – the scheduling engine in JobRunr Pro allows you to define complex workflows, thanks to atomic batches and the job chaining feature. Jobs can depend on each other, matching your exact business process. It integrates with a wealth of existing Java frameworks for faster product development.
- **Low Cost** – JobRunr Pro builds on top of JobRunr, an open-source distributed background job scheduler, and acts as a drop-in replacement. By using it, you can focus on the development of *your product* instead of infrastructural code which would take months to develop.
- **Advanced Dashboard** – the built-in dashboard adds real-time visibility to what is going on in your background jobs. Thanks to it, you and your developers will spend less time searching what went wrong in case of unforeseen process failures.
- **Premium support** – each JobRunr Pro license includes premium support. Are you or your team not happy after 30 days? I give you an unconditional money back guarantee – no questions asked.





# Success stories

## **Esprinet** – IT & Electronics wholesaler

Esprinet is building a data middleware for a Seller who has a tremendous amount of dealers. They started out with a single thread process but quickly bumped into performance issue due to a slow external API.

After some research they found JobRunr, switched with 2 day of works and now process large amounts of data without an issue.

In their own words:

*“now everything works fine.”*

## **Shiftright** – cloud security solutions

Shiftright offers an application that detects threats without impacting continuous delivery, as well as it helps to prevent data leaks.

JobRunr is used as an orchestrator in the continuous integration pipeline and for each applications release, a job is created to test it on different operating systems against different threats.

In their own words:

*“JobRunr Pro and the swift and helpful support helped us get up to speed really fast.”*