



What is Worker?

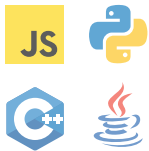
Worker is an enterprise grade background job processing system based on Docker. It enables application developers the ability to asynchronously process workloads without having to worry about scaling infrastructure. With its rule based administrative interface, it makes sense for start-ups, agencies, and large enterprises alike. Aside from the inherent benefits of running your work in containers, core benefits include:



No infrastructure lock-in

Worker runs on public clouds, private clouds, and on-premise. No need to worry about migration costs as your infrastructure evolves.

According to Forrester, fewer than 40% of the companies it surveyed were able to meet or exceed their targets for controlling costs and migrating to the cloud. In fact, 58% of companies said the costs of running IT infrastructure in the cloud were higher than they estimated.



No language lock-in

Since the code is executed in Docker containers, tasks can be written in any language. This allows Worker to be used across teams and future-proof's potential language changes.

Following the TIOBE Index, language adoption occurs many times over a businesses lifetime.



Extremely easy to use

With client libraries in all major languages and a robust REST API, application developers can easily start using the product. No learning curve.

Saves developer time, reducing costs by an average of 18%



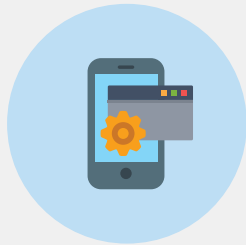


Use Cases

Worker's primary use case revolves around any work that needs to be done quickly. This is a core component to any web or mobile application that often gets overlooked. Setting up a worker system frequently ends up involving DevOps staff and employing engineers for custom development.

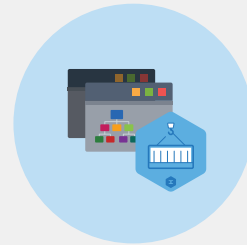
We've seen this many times. The setup and maintenance costs of such a system often become staggering. Worker takes this complexity away, and lets your application developers focus completely on building your application.

Common use cases include:



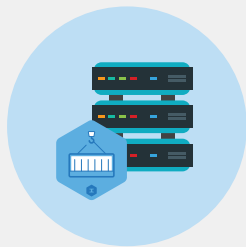
Sending Emails, SMS Messages, or Mobile Notifications

Almost every application needs to send their users emails and messages. It's common practice to do this work in the background so your users aren't met with long loading screens.



ETL and ELT Pipelines

Whether you create your own workflow engine using Worker, or plug it into an existing engine like Apache Airflow, Worker gets the job done.



ML, AI, and GPU's

Some background work has unique and intensive resource requirements. Worker has helped large ML/AI companies run compute across a wide variety of complex software architectures.



GOV

Worker has been deployed in AWS GovCloud to meet strict compliance requirements from agencies like the DOJ and DHS. Worker has best of class encryption built throughout every component of its framework.



Secure Integrations

"Great scalable solution with bang for the buck"
Keerthi, Senior software engineer, Phillips Electronics

Worker runs standalone, right out of the box.

Its REST API easily allows businesses the ability to create complex workflows, or, integrate directly with other workflow engines.

Worker also integrates with other Iron products at a low level, exposing unique features and operating at low latencies.

Data within Worker can be encrypted both in transit and at rest, and all processed jobs are run in process isolated containers.

Payloads can be encrypted through the system using custom encryption algorithms.



Deployment Methods

Worker can run anywhere. As the private and public cloud landscape changes dramatically, it becomes increasingly important that your software doesn't become locked into a single vendor.

Choosing platform agnostic solutions drastically minimizes the potential CAPEX costs involved in complex migrations. Aside from being platform agnostic, Worker has various deployment models that fit a wide variety of scenarios:

Hosted	Hybrid	On-Premise
<p>In this scenario, Worker runs within Iron.io's infrastructure.</p> <p>Customers don't need to worry about managing servers, scaling capacity up or down, or any upkeep.</p> <p>Worker Hosted is the easiest way to get started.</p>	<p>With Hybrid, the actual workloads run on the customers infrastructure while Iron.io only handles authentication and task scheduling.</p> <p>Some uses cases include:</p> <ul style="list-style-type: none"> Customers that have available compute capacity within their own infrastructure Customers who have unique CPU, GPU or memory constraints Customers with sensitive workloads 	<p>Worker is deployed directly on the customers infrastructure and no external network connections are made to Iron.io.</p> <p>This deployment is ideal for:</p> <ul style="list-style-type: none"> Customers who have high security and compliance requirements Customers who require very low latency Customers who need full control of their deployments



Pricing

"It helped me scale my software easily, I haven't found a tool so far that makes it as easy as Iron Worker does."

Gustavo, CEO, Alluxi

Worker has a public platform with tiers modeled after common use-cases. This platform is usually a great choice for startups or smaller businesses that have smaller workloads that need to be processed.

When background processing becomes business critical, Iron offers curated plans with dedicated hardware to meet even the most complicated scenarios.

Hobby	Launch	Professional	Custom
Ideal for small workloads	Great for a growing business	Our most popular customized, high performance, and reliable clusters that scale up as your business grows	Modular to meet any requirement. Custom memory configurations, GPU support, hybrid deployments
\$259/year	\$1,799/year	\$13,199/year	Contact for Quote
1 Concurrency 5 Hours/Mo Additional Hours \$4.99 per Hour 256 MB RAM 60s Runtime Limited Support	5 Concurrency 50 Hours/Mo Additional Hours \$3.99 per Hour 512 MB RAM 60m Runtime Limited Support	Dedicated 30 Concurrency 500 Hours/Mo Additional Hours \$2.99 per Hour 512 MB RAM 60m Runtime Limited Support Autoscaling Organization Support	Dedicated Custom Concurrency Custom Hours Additional Hours \$2.99 per Hour Custom RAM Custom Runtime Custom Support Custom Autoscaling Custom Organization Support

On-premise site licensing starting at \$275k.

*Discount pricing available for multi-year commitments and multiple product purchases.



Support and Custom Development

Support We offer support packages at all levels and are able to meet custom SLA requirements. We offer 24/7 support via email, phone, Slack, IRC...you name it.

Once we know what your needs are we'll be able to craft the perfect plan.

Development Worker handles almost all use-cases, but there are scenarios where changes need to happen.

Our development staff is available to help customize the platform to meet your needs.



See how Iron can help you grow your business.

Alexandra Sacani +1 (415) 854-8629 alexandra@iron.io