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meet unif.io

Unif.io was founded to provide high-value, customizable consulting services to companies worldwide that need help unifying and improving development and operational processes.

We have built a team of innovation experts, who are exceedingly adept with a wide range of the latest technologies. We'll work with you to evaluate your company's current infrastructure, then, recommend the appropriate technology and services to help optimize processes, achieve automation, and accelerate the rate at which your business can achieve its goals.

STAY AHEAD OF THE CURVE...

In today's business world, companies look for ways to stay ahead of fast paced competitors. Many companies still struggle with traditional IT infrastructure and processes that make the hand-off between application development and operations challenging. Development and

operations remain in their own separate silos. The resulting bottleneck can stymie innovation and growth, causing:

- lack of application scalability
- lack of flexibility
- slow, costly manual software rollouts
- outdated applications
- conflicts between application development and operation teams
- cybersecurity threats due to antiquated software and processes

Through DevOps, a new operational approach, smart companies are unifying development and operations. The result? An end-to-end process, that enables companies to deploy business applications quickly, safely and efficiently.

Better software equals better companies. Unif.io helps clients stay ahead of the curve, so they are prepared to react to market forces quickly and can leverage opportunities to generate more revenue with less risk. Unif.io will partner with you to identify and customize the best solutions for your business.

WHAT IS DEVOPS?

DevOps is an approach to software development that unifies development and operational infrastructure and processes to automate and accelerate the process of getting business applications to market. DevOps reduces errors and allows businesses to rapidly innovate to meet client needs in a competitive environment.

the benefits

Unif.io analyzes your existing situation, crafts strategy, and implements a customized solution for your business. When you work with Unif.io consulting, your company will realize:

- Seamless, rapid delivery of up-to-date business applications
- Improved scalability
- Increased speed to market with infrastructure automation
- Customized solutions that fit your business culture and goals
- Increased accuracy when deploying and upgrading applications
- Improved quality and reliability with constant automated monitoring
- Lower cost solutions offering repeatability and auditability
- More efficient use of resources
- Improvements in cybersecurity

“The pace of innovation in software is really amazing right now. The way forward is rarely black and white. There are dozens of right answers out there, and we help find the one that is right for you.”

– Wilson Carey,
Founder and CTO, Unif.io

“Our goal as a company is to increase the velocity at which products, features, and fixes get into customers’ hands enabling companies to obtain more customers and ultimately make more money.”

– Michael Marrewa,
CEO, Unif.io

“The whole point of DevOps is to enable your business to react to market forces as quickly, efficiently, and reliably as possible.”

– Damon Edwards
DevOps is not a technology problem.
DevOps is a business problem,
November 2010

our services

AN INDUSTRY AGNOSTIC APPROACH

Unif.io has a successful track record working with companies in a wide variety of industries including the following: electronics, telecommunications, government, and banks. Our technologies and processes are industry agnostic – making our expertise transferrable. Our clients include national and international companies, such as:

- Lenovo
- KnuEdge
- Whistle
- Funding Circle
- NTT docomo
- NTT DATA MSE
- PacketVideo

ADVISORY & SERVICE SOLUTIONS

Unif.io provides a full suite of consulting services to bridge the gaps often found within companies and meet your business objectives. We offer four solution-oriented service solutions:

ARCHITECT-AS-A-SERVICE

This solution offers full architecture support at the infrastructure level. With this service, we include an initial evaluation and assessment of the current internal environment. This helps identify a path to get you where you need to be. The architect will then develop and build a framework for enablement and sustainability. We provide ongoing strategic and advisory support and guidance throughout the engagement.

COVERAGE FROM THE EXPERTS

Our on-demand, support service offering gives you more than just a support team who answers the call/ticket at any hour. Our team of experts will know your business, technologies and framework and will monitor and handle incidents quickly and efficiently. You will know the person handling the call, and they will have the context to provide a quality response. We can identify and solve an issue before it becomes a problem.

FILLING IN THE GAPS

Our supplemental services team member(s) will act as part of your organization's engineering community to fill in any areas where there are gaps in expertise or resources. If your department is strapped for technical resources, we can augment your team to assist or run with day-to-day operations, implementation or strategic planning.

DESIGN-TO-DEPLOYMENT

We are on your project from start to finish. With our Design-to-Deployment option, we can handle the entire project and take the strain off your IT Operations department. We can also serve as your IT department if you don't have one in place. We will work with you from the initial planning and design phase through to the project build and deployment. We can provide ongoing maintenance and support or train your internal.

our process

We partner with you to assess the current and/or desired ecosystem, and then design a strategy that suits your culture while ensuring quality, speed and continuous improvement. Here's our 4-step process.

1. ASSESS

It all starts with assessing your company's needs and determining the key issues or roadblocks. We will work with you to set the objectives and then evaluate the current company ecosystem or a solution that you are considering.

2. DESIGN

We use our team of experts and vast library of assets to design a strategy that will work best with your culture while ensuring quality, speed, reliability and continuous improvement.

3. DEVELOP

Our specialty is making complex ecosystems bulletproof. We pull in the technologies needed to work together for your solution to deliver on the strategy that we outlined.

4. DEPLOY

We will manage the testing and deployment of automated and integrated processes. We get your new systems up and running and set you up for future success by training your employees on the tools and processes.

a case study

UNIF.IO'S CLIENT



THE CHALLENGE

Whistle, an “Internet of Things” (IoT) company, acquired Snaptracs in 2015. This acquisition created a more complex ecosystem with multiple devices, applications and infrastructures. Whistle needed a new strategy for maintaining their development agility and service reliability.

THE UNIF.IO SOLUTION

Unif.io built a strategy of immutable, codified infrastructure with full deployment automation. To achieve this result, Unif.io employed various technologies and services to treat the infrastructure like an application.

- Unif.io created a comprehensive plan to define needs and process improvements.
- After evaluating the options, Unif.io chose a technology, Bamboo Cloud service, for modeling the deployment pipelines.
- To manage the immutable datacenter with speed and auditability, Unif.io implemented the HashiCorp suite of tools.
- The HashiCorp Packer tool was selected for the creation of immutable artifacts. This choice leveraged existing configuration management investments.
- Terraform was selected to provision and maintain the environments as well as deploy immutable artifacts.
- To handle context management and separate data from code, HashiCorp's Consul product was used as the environment management framework.

With all the components in place, Whistle was able to establish the pipeline for their environment. The development workflow for all components, infrastructure and applications was now consistent. The new framework facilitates continuous improvement and experimentation, while ensuring the highest quality and reliability of their services.

our partners

We take a full-stack, holistic approach to automation deployment. Through the strength of our global partnerships, we help our clients achieve results quickly.



technologies we love

“By pulling from our vast library of assets you aren’t pigeon-holed into fitting your environment and process into someone else’s product and vision.”

— Unif.io



UNIF.IO WON'T LEAVE YOU HANGING...

At Unif.io, our philosophy is to deliver quality, customized solutions with repeatability in mind. We understand what you may have experienced with “other” consultants. They work some magic, and then, poof! they are gone, and your own staff can't maintain what they've created. That is wrong, and runs counter to everything in which we believe. Unif.io educates, transfers skills and develops your staff for long-term process improvement and self-sustaining infrastructure maintenance. Unif.io is an investment that pays dividends over the long-term.

“We set up our customers for future success and show them how to do it themselves after implementation.”

– Wilson Carey

“By establishing consistent, reliable and repeatable automated deployments, human error and the need for ‘rockstar firefighters’ are reduced.”

– The Phoenix Project
(Kim, Behr, Spafford)