

Continuent Tungsten Customer Testimonials

June 2017

17 July 2017



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Continuent Tungsten Customer Testimonials

Continuent Tungsten customers represent the most innovative and successful organizations in the world. Our customers include Acquia, Adobe, Autodesk, American Express, AstraZeneca, AT&T Wireless, Booking.com, BlueFin Payment Systems, Carfax, Clareity Security, Constant Contact, The Department of Homeland Security, eBay, Experian, Financial Times, F-Secure, Garmin International, Groupon, Leonardo, Marketo, Missguided, Modernizing Medicine, NCR, NewVoiceMedia, Olympus USA, Panasonic Europe, Shopatron, Sony Music, SugarSync, Synacor, Thomson Reuters, Xoom, Zappos and Zuora.



Every day our customers rely on Continuent Tungsten database clustering, data replication and distributed data management to run business-critical applications on open source databases and make their businesses and organizations thrive and grow.

These case studies provide real-world examples of how our customers successfully use Continuent Tungsten. These customer stories are a demonstration of the success of our customers from a variety of industries worldwide.



"We are using Continuent Tungsten to replicate data from our Oracle RAC databases to edge MySQL databases. A single Oracle table can be routed to multiple MySQL master/slave setups, each supporting separate applications. Continuent Tungsten is allowing us to seamlessly and economically transition to a more diverse database portfolio.

Continuent's customer support has been outstanding. Robert Hodges has been personally involved in making sure we are using the product properly and has made sure that promised enhancements have been made in a timely manner. I have been very impressed with Robert and the engineers that we have been working with (they are extremely customer focused)."

Kurt Guisti

Sr. Database Administrator



"Continuent Tungsten is a really cool product. We can swap back-and-forth between our master and any number of slaves without losing a single query in the process. We can take a one offline, do updates, and restart it. We can do schema changes to the slave and bring it up as a new master. So we can do a manual version of pt-online-schema-change, but it helps that by taking the system totally offline, a lot of schema changes for us go a lot faster than with pt-online-schema change, because it is not happening live on the server as it's being used for traffic. So lot's of cool things there."

Drew Blas

System Engineer



"We use Continuent Tungsten for HA master/slave failover and do look forward to testing and implementing multi-master. It is in use for over ~40-50 systems and has allowed us to quickly switch from Master to Slave in several situations where the mother boards failed and keep consistently running (to the application) with no interruption.

We've had the opportunity to collaborate with Continuent on Tungsten quite a bit, which means it made integration into our environment for CyberArk password vaults and at a lower level with Puppet. As a result we can with confidence mass deploy our



servers. We have great response time and collaboration on our issues and it is very nice to have that relationship with Continuent.”

Heidi E. Schmidt

Senior Database Administrator



“Most important thing for us was the high availability and the automatic fail-over features that were missing from the standard databases. With Continuent Tungsten we can now truly say that our databases are clustered HA platforms. Daily database maintenance operations can now be done without causing long service breaks to the services. This is one BIG helping thing from the DBA’s point of view.

Continuent Tungsten Smartscale out-of-the-box is a good concept that we utilize with our clusters. With new Continuent Tungsten support platform in use, we have got fairly quickly help to our problems, even during out-of-office times. This is how it should be and I hope this will stay like this in the future too.”

Arto Hakola

Sr. Systems Architect, Hosting

“F-Secure has been using Continuent Tungsten in production for 2 years. During that time, we have migrated most of our critical database systems to Continuent Tungsten. The main reason for us using Continuent Tungsten is the high availability it brings. Running very business critical systems, we have to be able to provide five nines uptime for many of our services. This is where Continuent Tungsten comes along. One can easily perform maintenance (upgrade MySQL or Continuent Tungsten components), backups can be without performance hit on live service and one can easily scale read-only queries.

Of course all of these (except version upgrades) can easily be achieved with standard MySQL replication. But where Continuent Tungsten kicks in and only true reason is high availability, avoiding single point of failure. And that is what it does perfectly.

I have been working with Continuent Tungsten for a year now. Having worked many years with various other more-or-less vanilla MySQL HA solutions (replication, cluster, DRBD) I must say Continuent Tungsten is nowadays very mature enterprise level application that helps us to achieve five nines on database level.”

Lauri Sten

Systems Architect, Hosting Helsinki

**GROUPON**

“Having tried traditional ETL tools and slow data-scraping techniques that put a heavy load on operational systems, we found that we were unable to meet the low latency required by our business as well as capture a complete record of transactions. Hadoop has clearly changed the landscape of data management by providing a central data backbone hub that receives data from across the enterprise business; however, there is now a wide range of services that need to move transaction OLTP data efficiently into Hadoop.

With Tungsten Replicator we can quickly and flexibly move data out of operational databases into Hadoop where we run analytics that answer important business questions on timelines matching the needs of our users.”

Chris Schneider
Database Architect

HEARST *magazines*

“Digital Spy is a recent addition to the Hearst Magazines UK Digital Department, which is dedicated to creating and implementing Hearst Magazines' digital strategy, and now has more than 25 websites and 15 mobile sites in the portfolio.

High availability and data integrity are essential to our business. Continuent Tungsten is one of the key technologies, enabling us to deliver more than 150 million page impressions of the latest entertainment news and opinion to over 12 million unique users every month. With Continuent Tungsten, we get fast, predictable performance, which automatically manages the replication of data and workload over our two data centers.”

James Welsh
Digital Technology Director



“MSS Operations has been using Continuent Tungsten for over a year and half in multiple global production deployments. In addition to eliminating single point of failure at the database layer, Continuent Tungsten has given us the ability to switch database nodes for normal operations and maintenance tasks as well as schema updates with minimal or no downtime. We have successfully upgraded to a newer MySQL version without a downtime or hiccup from an application perspective. Continuent Support has been excellent and readily available during upgrades and to bounce off ideas and review standard operational procedure documentation.”

Parminster Singh

Director and Head of Cloud Operations
for Junos Pulse Mobile Security Suite



“We have Continuent Tungsten in all of our environments, (dev/qa/uat/prod) and we're using it for all of our web applications. We sell almost 1M used cars a year using Tungsten.

I've been really impressed with the intelligence of both the software and the support we receive from Continuent. I have nothing but good things to say about your software and your company. We currently have 100 MySQL servers running Continuent Tungsten and love the ease of use and management.”

Mark Cotner

Senior DBA



“The only thing Marketo has more passion for than its product, is its customers. By leveraging the Continuent Tungsten platform, we have increased our ability to provide higher levels of availability and uptime, including complex database upgrades and operations in production.

Upon database failure our earlier solution resulted too often in downtime, which is in excess of 30 minutes and impacting more than 150 customers at the time. With Continuent Tungsten there is no down time, just predictable degradation of the performance until misbehaving servers will be up again. With Continuent Tungsten we can make changes within our operation environment while being able to provide continuous operation during the regular maintenance cycles and also during larger upgrade process, being that for our own app, database or hardware.

Continuent can help us at least in two ways to lower op-ex: enables more customers on each pod (database cluster) and allows us to use replication between our current hosting provider and another, more cost effective hosting provider to augment pods or completely switch over to save significant money. These two combined will easily save us multiple times the investment we are making in Continuent Tungsten software.”

Nick Bonfiglio
VP Operations



"Continuent Tungsten has allowed us to deploy clusters in the Amazon Cloud quickly, which is key for our rapidly growing company. In addition, Continuent Tungsten is a key component in allowing us to meet our uptime SLA.

Perhaps the most important item is the support we receive from Continuent, which I am pleased to say, responds quickly and resolves all issues (including self-inflicted!), and accepts feedback for future enhancements.”

Matthew Lang
Senior Site Reliability Engineer



“I have nothing but great things to say about Continuent Tungsten. It’s an easy-to-use database replication and HA failover product that I have employed as the solution for our High-Stakes online assessment where 99.9% uptime is required. We also utilize it for our lower stakes platform that has 10 years worth of data. Its simpler to install and maintain than LINBIT with Heartbeat, and the commands are intuitive and easy to use. The Continuent Tungsten documentation covers all the topics and the product itself makes server maintenance a breeze.

The engineers at Continuent are fast to react to support cases, a much welcome departure from the Sun/Oracle help desk to which we were accustomed. And they have gone beyond the service agreement and helped us with other MySQL issues.

I’d endorse Continuent Tungsten to anyone who needs full-time data availability and does not have team of experts at the ready.”

Dave Vieregge

Software Engineering Manager



“We have been using Continuent Tungsten products for over two years. Continuent Tungsten has taken a lot of the up and down issues away from my daily concerns. We use the replication to transmit MySQL cluster data serving over 400 e-commerce stores into our Oracle data warehouse, which is living on another data center with Rackspace.

The speed and consistency of the results is a big plus but the biggest reason we stay with Continuent is their ability to get high level engineers and management involved if there is an outage or some catastrophic issues. Amazon outages are always a concern for a 24x7 shop like our but having this technology in our stack brings a lot of peace.

We would like any future failures to fail over automatically and be able to sense what is the right course of action for us.”

Greg Taylor

Senior Systems Engineer



“Discovering Continuent was a real game changer for Stitcher in terms of our data redundancy, performance, scalability and up time. Using Continuent Tungsten and the Tungsten Replicator for our MySQL data, we were able to seamlessly migrate to AWS from our hosted datacenter with no downtime, have improved our SQL response time using read/write splitting, have nearly eliminated downtime caused by a DB problem, and are fully redundant with nodes distributed across AZs. Using Continuent Tungsten has simplified the task of working with terabytes of data by providing full backup, recovery, replication and failover support.

I've also been very pleased with the Continuent Tungsten team. Whenever I have a question or issue in need of resolution, I've received prompt, expert and personalized service from them. The whole Continuent Tungsten environment has been one of the coolest technologies I've worked with.”

Brooke Maury
Director of Engineering



“Most of our MySQL database hosts are currently utilizing Continuent Tungsten replication. We mainly used fan-in for the migration of our legacy hosts to the newer hardware during 2012. That project was a success.

As for the support, we just renewed our Continuent Tungsten subscription. We take advantage of that as much as we can when possible. It's always to have an extra pair of eyes when it comes to troubleshooting.”

Calvin Wong
Jr. System Administrator



THOMSON REUTERS

“Millions of researchers, scholarly writers, students, and librarians use Thomson Reuters’ EndNote Web to collect, organize and share their research. Cite While You Write in Microsoft Word easily enables users to cite references in their papers and create formatted bibliographies.

Continuent Tungsten speeds up the development and performance of EndNote Web’s dynamic, database-driven application and web services that must manage a complex set of workflows for millions of large, user writeable data sets.”

Gandalf Sollenberger

Manager of Web Software Development



“We were a MySQL centric shop. Our customer-facing site, as well as our backend systems, was written on top of MySQL. But with the acquisition of Zappos by Amazon, who is very centric on Oracle, we had a lot of requirements to start moving real-time data from MySQL 5.1 to Oracle 11g.

We really like Continuent Tungsten because of its straightforward installation, monitoring of replication, quick turn around by Continuent team on new filter request, and helpful consulting service.”

David Romanowski

DevOps Manager



About Continuent

Continuent is a leading provider of database clustering and replication, enabling enterprises to run business-critical applications on cost-effective open source software. Continuent Tungsten provides enterprise-class high availability, globally redundant data distribution and real-time heterogeneous data integration in cloud and on-premises environments. Our customers represent the most innovative and successful organizations in the world, handling billions of transactions daily across a wide range of industries.

The key benefits offered by Continuent Tungsten include:

- **Database-as-a-Service** – Continuent Tungsten provides data services (database clusters, or cluster of database clusters) equally well in any bare-metal, private cloud (Open Stack) and public cloud (Amazon AWS, Red Hat OpenShift) environments.
- **Zero-Downtime** – Perform database maintenance, such as schema changes, upgrades to a new version of MySQL or adding new hardware, without application or service interruptions.
- **Automatic Failover** – Continuent Tungsten can replace a failed master DBMS server within seconds while maintaining continuous availability and without losing any transactions.
- **Multi-Master, Multi-Site** – Manage databases across different physical locations, both on-premises and in the cloud. Continuent Tungsten maintains real-time updates and failure handling for distributed operations.
- **Disaster Recovery** – Switch to a hot-standby disaster recovery site running a Continuent Tungsten cluster with a single command without losing application connectivity.
- **Oracle Replication** – Replicate data from Oracle to MySQL, from MySQL to Oracle, and from Oracle to Oracle. “Think Oracle GoldenGate without the price tag!”
- **Replication To Real-Time Analytics And Big Data** – Continuent Tungsten enables replication quickly and efficiently to high-performance NoSQL and data analytics engines. Continuent Tungsten and Tungsten Replicator can publish data in real-time from RDBMS to MongoDB, Hadoop, and Vertica.
- **Load Balancing** – Continuent Tungsten increases throughput by automatically and transparently load balancing read operations across multiple slaves.
- **Improved Performance** – Continuent Tungsten improves database performance by transparently splitting reads to the slaves and writes to the master, thus reducing the master load. Continuent Tungsten can increase replication performance by five (5) times over native MySQL and increases transaction volumes using intelligent parallel methods.



- **Supports MySQL, MariaDB and Percona Server** – Continuent Tungsten supports MySQL, MySQL Community and Enterprise versions (5.0 to 5.7), MariaDB (5.5, 10.0, 10.1) and Percona Server (5.5 and 5.6) without changes. No software upgrade or data migration is necessary for a Continuent Tungsten implementation in an existing production environment. In addition, no application or DDL changes are required to support live heterogeneous replication.

Contact Information

For more information on Continuent products and services, please visit www.continuent.com, email us at sales@continuent.com or call us at (877) 486-9273, and follow us on Twitter @Continuent.