

# THE MACALUSO GROUP

Rackspace helps TMG migrate its entire production operation to Rackspace's managed environment, ensuring compliance across the board.

## BUSINESS

The leading innovator of pharmacy benefits and patient assistance.

## CHALLENGES

TMG sought a partner to assist with implementing and transitioning to a cloud environment while maintaining both PCI DSS Level 1 and HIPAA compliance.

## SOLUTIONS

Compliance, Managed Cloud, Security

## PRODUCTS

Amazon Web Services (AWS)

## OUTCOME

PCI DSS Level 1 and HIPAA compliance, a new hosted environment



Specialized medical products and treatments – such as cancer medication or monthly infusions – are expensive. Even with commercial insurance coverage, the required copay amounts may still be more than most patients can afford. The Macaluso Group (TMG) works with pharmaceutical manufacturers to offer Copay Assistance Programs that make the final out-of-pocket costs for specialized medical products more affordable for the consumer. TMG was the first firm to offer patient-assistance products and services like these, and they continue to be recognized for leading technological innovations in the industry.

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SCOTT P. JONES :: CHIEF INFORMATION OFFICER, TMG

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Pharmaceutical manufacturers deliver these specialized medical products and treatments through a variety of channels, including physician offices, hospitals, infusion centers, specialty pharmacies and traditional retail pharmacies. With solutions from TMG, copay assistance payments for these medications can be seamlessly processed as medical insurance claims, pharmacy insurance claims or through Visa or MasterCard.

As the industry sees the benefit and value TMG provides, the company's transactions and revenue continue to grow rapidly. By offering patients a more affordable solution to access the medications they need, TMG is helping save lives every day.

## A growth in transaction volumes

From its inception, The Macaluso Group had housed its computing facilities in a traditional hosted data center. As the company continued to scale operations rapidly, and as new products were being introduced, TMG recognized it needed a more robust, flexible and scalable platform to support growth. To this end, TMG selected Amazon Web Services (AWS) as its public cloud service provider of choice.

TMG also developed new financial products and capabilities. Because they constantly manage credit card data, TMG saw tremendous value in being Payment Card Industry Data Security Standards Level 1 (PCI DSS Level 1) compliant. Meeting this standard would demonstrate that TMG operates within the most rigorous set of security, development and operational best practices, as defined by the Payment Card Industry and as validated by an audit from a PCI-certified Qualified Security Assessor (QSA). Moreover, as a healthcare technology company, TMG has long been self-certified as HIPAA compliant. However, as part of its commitment to meet the highest level of security standards in the industry, TMG decided to engage an external auditor to verify that TGM technology, operations, and security practices meet or exceed the relevant HIPAA and HITECH requirements.

TMG sought a partner that could assist them with implementing and transitioning the company to cloud computing services while designing, building and maintaining both a PCI DSS Level 1 and HIPAA compliant environment.

## Designing the right environment

As The Macaluso Group began working with AWS to understand the capabilities and challenges of cloud computing, AWS recommended Rackspace as a trusted partner that could provide TMG with the expertise to build, manage and optimize a secure and compliant environment in the cloud.

TMG engaged Rackspace to assist in the AWS environment design and build, and to provide ongoing operations and security services for its new AWS production environment. They were also confident in Rackspace's ability to help TMG meet the requirements of both HIPAA and PCI DSS Level 1 compliance audits.

## Compliance in the cloud

Rackspace played an integral role in the design and implementation of the new AWS environment for The Macaluso Group. Initially, TMG utilized this environment to support a new product offering while continuing to use its legacy hosted environment for other products.

TMG then transitioned all computing services to AWS and to the Rackspace-managed environment. Today 100 percent of TMG production operations are hosted on the AWS cloud. Rackspace provides a broad array of operational management and security services that are critical to operations – and to maintaining PCI DSS Level 1 and HIPAA compliance for TMG.

“We have been impressed by how well the Rackspace solutions work with all of the new AWS developments,” said Scott P. Jones, Chief Information Officer at TMG. “Rackspace provides us with deep subject matter expertise, delivers a wide variety of services that are critical to our operations in the cloud, and plays an important role in helping us meet our compliance standards. Rackspace is a key strategic partner for The Macaluso Group.”

## Streamlining production operations

What started out as a need for cloud implementation and compliance management assistance has led to an ongoing services management partnership. TMG depends on Rackspace's expertise to streamline critical processes.

The Macaluso Group has migrated 100 percent of its production operations over to Rackspace's managed environment. As new developments come from AWS, TMG will continue to utilize Rackspace's security and encryption expertise to optimize its business. Compliance requirements are constantly changing, and TMG will continue to partner with Rackspace to ensure that its operations and security standards evolve accordingly.

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## ABOUT RACKSPACE

Rackspace is the #1 provider of IT as a service, in today's multi-cloud world. We deliver certified expertise and integrated managed services across public and private clouds, managed hosting and enterprise applications. Because Rackspace partners with the leading technology providers, including Alibaba®, AWS, Google, Microsoft®, OpenStack®, Oracle®, SAP® and VMware®, we are uniquely positioned to provide unbiased advice on the technologies that will best serve each customer's specific needs. Rackspace was named a leader in the 2017 Gartner Magic Quadrant for Public Cloud Infrastructure Managed Service Providers, Worldwide and has been honored by Fortune, Glassdoor and others as one of the best places to work. Based in San Antonio, Texas, Rackspace serves more than 150,000 business customers, including a majority of the Fortune 100, from data centers on five continents.

Learn more at [www.rackspace.com](http://www.rackspace.com) or call us at **1-800-961-2888**.

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