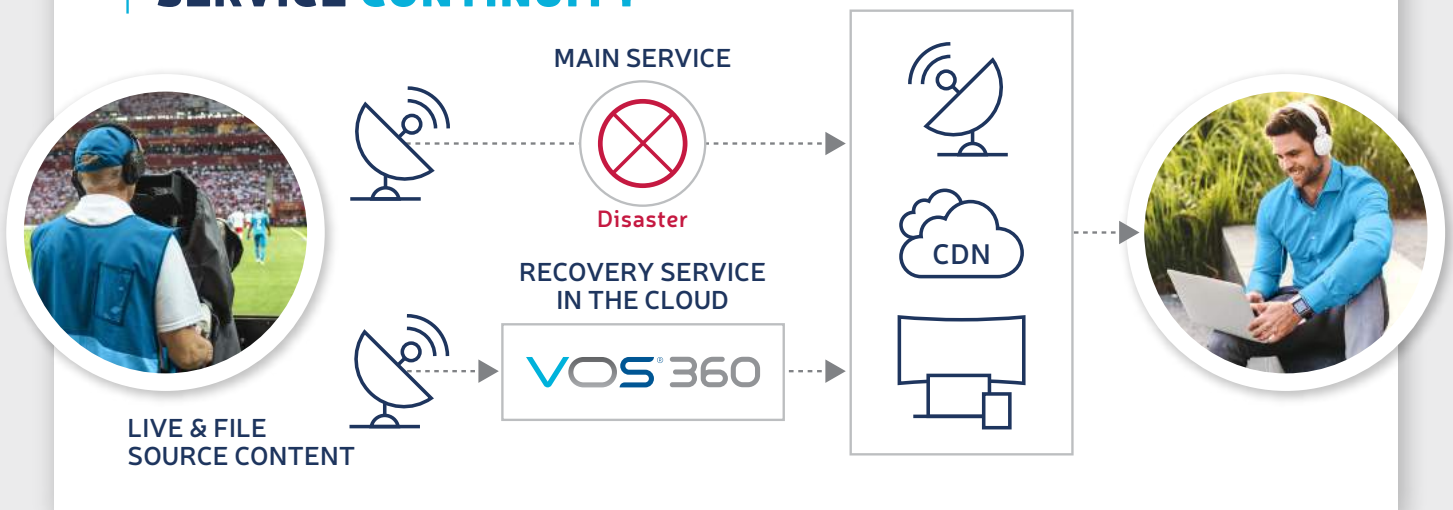# SECURE YOUR SERVICE CONTINUITY BY
MOVING DISASTER RECOVERY
TO THE CLOUD

harmonic

IS YOUR SERVICE CONTINUITY PLAN

READY TO STAND
THE TEST OF TIME?

How can you be sure that your service continuity solution is able to withstand any unexpected event? Do you want to guarantee that all your services, including live broadcasts, are always on air, with no glitches? Cloud-based solutions bring you the robustness you need, along with flexibility and scalability...

SEAMLESS
SERVICE CONTINUITY

MAIN SERVICE

Disaster

**RECOVERY SERVICE
IN THE CLOUD**

VOS 360

CDN

**LIVE & FILE
SOURCE CONTENT**

CLOUD-BASED SERVICE CONTINUITY IS THE ANSWER

Compatible with a vast array of ingest formats and delivery networks, Harmonic's VOS® 360 platforms offer you secure, scalable and cost-efficient solutions for business continuity in the cloud. Customers get the high-quality viewing experience they expect at all times - with no delays.

WHAT'S AT STAKE?

To ensure service continuity, you need to be prepared for any potential problems – from fire, flooding and power outages, to security breaches and technical failures. Any of these can cause disruptions in service that can damage your reputation and your relations with content and advertising partners. Increased customer churn is another problem, particularly when live viewing enjoyment is interrupted. Examples of this are easy to find, even with major broadcasters during world-class sporting events.

INSTANT ACTIVATION

When unexpected events occur, you have no time to waste. With traditional hardware-based systems, manual processes are often needed to initiate operations at the disaster recovery site. These processes increase the risk of error and take time, causing breaks in service continuity.

Harmonic's VOS360 is fast and easy to activate, with a simple user interface. You can even trigger it remotely. All processes are already preconfigured in the system, so downtime is minimal.

EASY ONBOARDING

VOS360 streamlines all processes, starting with a fast and easy onboarding experience. Harmonic provides all system design, configuration, set-up and equipment needed to feed into the cloud, linked to your sources, whether live feed, file-based assets, advertising partners, digital rights management or other partners. You can control your recovery service via an intuitive web-based user interface.

PAY-PER-USE SOLUTION

Moving your service continuity solution to the cloud means lowered total cost of ownership. You only pay for what you actually use.

With traditional redundancy solutions, you need to replicate an infrastructure of hardware and software applications on dedicated hardware, either on your company's premises or in other locations. Normally, you would need to replace components of these secondary systems in lock-step with your primary on-air system. Besides heavy capital investments, you also need to ensure that these systems are constantly maintained, updated and monitored.

Fast and easy activation.

When unexpected events occur, there is no time to waste. Disaster recovery in the cloud is fast and easy to activate.

Scheduled fire drills.

Fire drills are scheduled regularly. Your back-up services are always ready to go on-air.

SECURITY, RIGHTS MANAGEMENT AND TESTING

Cloud-hosted service continuity solutions give you the highest levels of security and compliance, with software and patch updates managed for you by dedicated DevOps teams.

DRM and CMS services are continuously managed, so your contents stay secure.

Regularly testing (fire drills), to ensure that your service continuity solutions are always fully up to speed, is crucial. In the cloud, fire drills can be automatically scheduled. After each fire drill, you have access to monitoring reports with details of all VOS360 channel output. You can then easily cross-check that your cloud recovery service is fully synchronized with your primary services.

SUITS FLEXIBLE NEEDS AND OCCASIONAL CHANNELS

With traditional service continuity solutions, you need to invest in infrastructures that are powerful enough to manage any possible need, including occasional channels and peak viewing events. You may also be playing out a mix of content in UHD, HD and SD format. This means that back-up systems needs to be constantly available at maximum capacity, contributing to constant energy use and high running costs.

Harmonic's cloud-based service continuity solution is ideal, as it can be scaled up or down to adapt to your changing needs. It can even be used for temporary 'pop-up' channels, or as a cost-effective way to trial a TV channel. Priced on an on-demand subscription model, you only pay for what you actually use, even for short periods such as live events.

During day-to-day operations, only minor resources are required for synchronizing your primary services with the cloud recovery system. Full resources are only activated and payable when an event occurs. You can provision additional resources whenever you need, in just seconds.

Minimize downtime.

Highest levels of availability
and quality, 24/7.

24/7 DEVOPS AT YOUR FINGERTIPS

Harmonic's DevOps teams give you the highest levels of availability
and quality, around the clock. Your disaster recovery running in
the cloud is always fully functional, with minimum downtime.

Harmonic provides you with remote access to your recovery
service in the cloud at all times, with our expert DevOps teams
around the world ready to help you whenever you need.

PORTABILITY

VOS is cloud neutral, and is not tied to one cloud service provider.
It can be rapidly deployed with a different cloud provider and with
the systems and services that you choose. Changing from one
cloud provider to another is fast and seamless.

A PROVEN SOLUTION

Harmonic is the pioneer of cloud-based disaster recovery
solutions, protecting the service continuity of major channel
providers worldwide.