# Tayto partner with Novosco for Disaster Recovery as a Service.

## The customer

Set deep in the heart of the Ulster countryside in Tandragee is Tayto Castle where Tayto crisps and snacks have been made for the past 60 years. A 'Taste of Home', Tayto products have been a big part of growing up in Northern Ireland.

Established in 1956 and still owned by the same family – the Hutchinsons, Tayto pride themselves in employing local people and using local ingredients and materials to produce great tasting crisps and snacks for everyone to enjoy.

## The challenge

Tayto is a full time 24x7 production environment, and as such the risk and loss to the business associated with unscheduled I.T. downtime is not an option.

As part of their Risk Assessment Process when carrying out a natural refresh of their primary infrastructure, it was determined that the risk of an application or hardware failure bringing factory production to a halt was currently unacceptable.

Tayto needed to implement a solution that would help alleviate this risk and which would provide reassurance that, should disaster strike, their I.T. solutions were resilient and could be recovered without significant loss to the business.

## Overview

### Challenges
- Providing suitable multi-site disaster recovery
- Protect business critical processes and information
- Reduce risk of potential production down time

### Solution
- Disaster Recovery & Virtual Replication from Zerto

### Benefits
- Fast Recovery
- Reduced impact on factory operations should systems or applications fail
- Compliance
- User friendly solution

## The solution

Having worked closely with Tayto for over 15 years, Novosco already had a deep understanding of the Tayto network and infrastructure. Novosco was aware that Tayto's ERP (Enterprise Resource Planning) system and Exchange, based at the company's Tandragee headquarters, were vital to continuous production. To ensure the highest levels of protection for these mission critical systems Novosco established a dispersed Disaster Recovery (DR) site utilising Zerto for disaster recovery and replication.

Zerto virtual replication is a powerful disaster recovery solution for virtualized infrastructures that includes replication, recovery orchestration and automation. This means that should Tayto need to activate their disaster recovery procedures, they can recover one, all or a subset of their virtualised applications from their storage.

Tayto have also implemented a full Novosco MPLS (multiprotocol label switching) with hosted firewall which facilitates and enhances their disaster recovery operation.

This solution ensures that the company's production can continue to operate in the event of the failure of any of their hardware or applications.  As a company with around £200 million turnover, every hour of business lost to I.T downtime could potentially cost over £22,000. Working with Novosco and Zerto for disaster recovery gives Tayto an actual RTO (Recovery Time Objective) of 120 seconds on their ERP server, so that potential loss never becomes a reality.

## Business results & benefits

Working with Novosco, Tayto now protect over 35 virtual machines with Zerto. This gives Tayto the confidence that they will be able to recover quickly should any unforeseen events occur in the future.

The ability to test regularly and provide detailed reports on their virtual environment also means that Tayto is quickly and accurately able to prove successful failover within their test environment.

> Ensuring quick disaster recovery means that Tayto is assured that there will be minimal disruption to their production facilities should an incident occur.

"The expertise of the Novosco team have been invaluable to us as a business for many years. IT is crucial to the functioning of our operations which produce millions of products each year, and this disaster recovery investment allows us to continue to enhance our business."

**Christopher Milligan, Group Systems & Infrastructure Manager, Tayto**