



# Oxygen Reduced Document Storage

New

## A records management offering that leads the way in fire prevention.

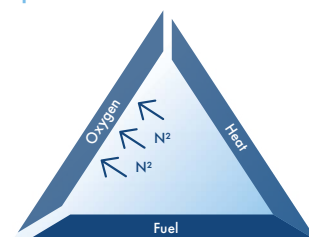
Traditional fire protection systems in document storage facilities are reactive and not preventative, meaning they only deploy when combustion is detected and damage may have already occurred. In the case of sprinklers, the damage caused to the stored documents by water from the sprinklers can be worse than the damage caused by the fire itself.

Glenbeigh Records Management have therefore taken a proactive approach to managing fire risk by developing **Ireland's first oxygen reduced document storage facility**, which virtually eliminates the possibility of a fire ever igniting in the first place.

### How it works

To start, a fire needs a certain level of oxygen, heat and fuel. If one of these three components are missing, ignition becomes impossible.

By introducing controlled amounts of naturally inert, non-toxic nitrogen gas into the airtight storage facility, the oxygen content in the air is reduced from normal levels (approximately 21%) to a level below the ignition threshold (16%), thus providing fire prevention.



Oxygen Reduced Environment

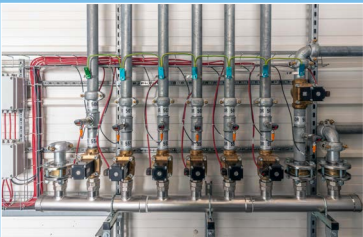

Glenbeigh Records Management is certified with the globally recognised ISO 9001 standard for our Quality Management System (QMS) and ISO 27001 for our Information Security Management System (ISMS). These certifications provide evidence of our commitment to adhering to strict quality control measures and security procedures, ensuring customer satisfaction and peace of mind.



### N2 Oxygen Reduction System®

Our oxygen reduced storage facility is enabled by ISOLCELL's N2 ORS®. This green technology does not use any chemicals or additives, only the air in the plant room where it is located. It is powered by a carbon molecular sieve which splits the air into its primary ingredients; nitrogen, oxygen and tiny portions of other gases.

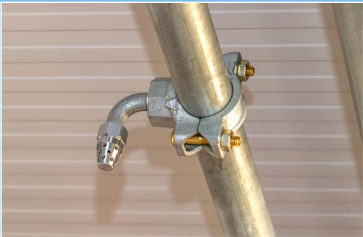

Oxygen levels within the protected storage facility are continuously measured using sensors which sample the air simultaneously from several intake ports throughout the facility. The oxygen value is then compared with a target value. If the latter is lower than the actual value, controlled quantities of inert nitrogen gas is directed into exactly the area of demand through valves, thus providing uninterrupted fire prevention. As nitrogen is an inert gas it has no effect on the documents stored.



PLANT ROOM

PIPING

*The generated and controlled atmosphere makes combustion impossible.*

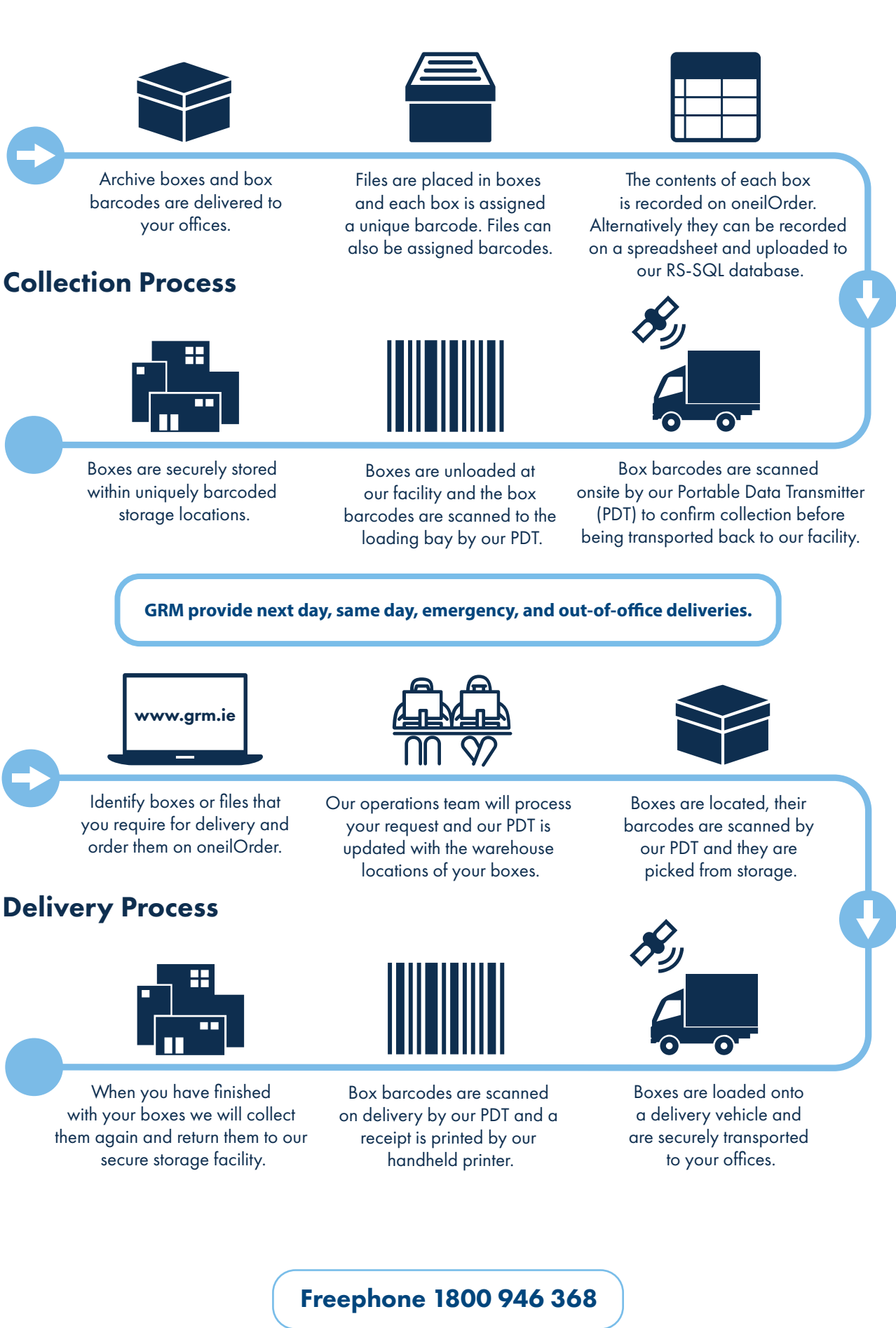


AIRLOCK

RELEASE VALVE



Visit [www.grm.ie](http://www.grm.ie) for more information.





# A unique offering that is built on our expertise.

Fire Protection	Standard Offsite Document Storage	Oxygen Reduced Document Storage
N2 Oxygen Reduction System®		✓
Pre-Combustion Fire Detection System	✓	✓
Fire Safety Equipment	✓	✓
Fire Awareness and Fire Marshal Training	✓	✓
Alarmed Fire Exits	✓	✓
No Smoking Policy	✓	✓
Location (close proximity to Blanchardstown Fire Station)	✓	✓
Physical Security		
Purpose Built Stand-Alone Facility	✓	✓
Perimeter Fencing	✓	✓
Electric Gate	✓	✓
Security Controlled Barrier Access	✓	✓
External & Internal CCTV	✓	✓
Netwatch Intruder Detection System	✓	✓
Access Control Swipe Card System	✓	✓
Service		
Record Tracking & Management	✓	✓
Collections & Retrievals (Next Day, Same Day, Emergency & Out-of-Office)	✓	✓
Electronic Retrievals (Scan-On-Demand)	✓	✓
Onsite & Offsite Cataloguing of Records	✓	✓
Certified Shredding	✓	✓
Private Onsite Viewing Room	✓	✓

## Benefits of Offsite Document Storage

- Increase security
- Enhance traceability
- Retrieve on-demand
- Comply with legislation
- Maximise office space
- Improve efficiency & productivity
- Control access to authorised personnel
- Enable disaster recovery

## Added Benefits of Oxygen Reduced Document Storage

- Provides 24/7 fire prevention.
- Supports the preservation of records.
- Eliminates the risk of damage caused by reactive fire protection systems i.e. sprinkler discharge.



Glenbeigh Records Management (GRM) is a wholly-owned Irish company specialising in the provision of a comprehensive range of records management and digitisation services.

Our services enable organisations to protect their information; comply with regulatory requirements; realise operational efficiencies; and provide better customer service to their clients as access to critical data is streamlined.

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