TECHNICAL PAPER 06

Nothing listening

06

A backup platform is a privileged path into every customer. We designed ours as if it will be attacked.

> Backup systems read everything, hold every credential and can write back into production. That makes them a favourite target. Our security model starts from that fact, not from a checklist.

MANAGED BY DESIGN

Separation of duties, for real

ImmuBDR is a managed service. Our customers have no access to backup or restore functions at all: no console, no delete button, no restore button. Every restore, file request or failover is requested through a ticket and carried out by an Immutec engineer.

That is a deliberate security decision. An attacker who takes over your Active Directory, your e-mail or your admin's laptop gains nothing over your backups. **There is no customer account to phish** that can delete a restore point, shorten retention or quietly restore a server somewhere else.

No inbound ports at your site

Our agents only ever connect outwards. There is no port to open on your firewall, and on our side every connection reaches only what it needs. Never another customer.

Secrets stay secret

- All credentials encrypted at rest.
- The API never returns a secret, only that one exists.
- Passwords and keys are never sent to our AI model.

Every connection verified

Every connection to your systems is verified before any credential is sent. A man in the middle gets a failed job, not your credentials.

Our engineers, held to strict rules

- Per-customer roles; nobody has access by default.
- Second factor at every sign-in.
- Early deletion needs two engineers physically present in the data centre.

Every action, from sign-ins to restores and failovers, lands in the audit log and traces back to your ticket.

> **Your data, our infrastructure.** Everything runs on infrastructure we build and operate ourselves: storage, DR capacity, network and our own AI model. No hyperscaler in the path, and no third party that can see your data.

ABOUT IMMUBDR

ImmuBDR is Immutec's backup and disaster-recovery platform, delivered as a fully managed service. It protects virtual machines, physical servers, databases and file shares, keeps every restore point verified and immutable, and recovers them on our own infrastructure, even when your own hypervisor or site is gone.

Our engineers run the platform for you. Customers have no access to backup or restore functions; every request runs through a ticket. Your production and your recovery are held by different people, by design.

Need the technical detail? A full version of this paper is available under NDA.

Proven weekly	Immutable	Own infrastructure
Every system booted and tested, with evidence.	Time-locked restore points nobody can release early.	Storage, DR capacity, network and AI, run by us.

Want to see a failover live? Ask us for a demo. www.immutec.ae