

# Which **VirtualZ** Product Should I Use?

## Decision Map by Use Case

(Data Access / Data Movement / Storage)

### 1. Business Applications

Use Case	Primary Need	Correct Product	Why
Application Modernization	Access data during phased migration	<b>Lozen™ / PropelZ™</b>	Apps move off-platform while data stays on z/OS; or data can be extracted when required
Mainframe Data Access for Report Migration	Extract data for new reporting tools	<b>Lozen™ / PropelZ™</b>	Structured data → cloud databases
VSAM to Db2 Conversion	Transform structured data	<b>PropelZ™</b>	VSAM → relational database with transformation or direct access
VSAM to Adabas	Data restructuring	<b>PropelZ™</b>	Metadata-driven conversion or direct access
Accessing Mainframe Data in SaaS Applications	Secure data delivery to SaaS	<b>Lozen™ / PropelZ™</b>	Controlled extraction to SaaS-facing databases or real-time access

### 2. Analytics & Reporting

(Sequential & Database: Db2, IMS, Datacom, IDMS, etc.)

Platform	Data Pattern	Correct Product	Why
Snowflake	Cloud data warehouse	<b>Lozen™ / PropelZ</b>	Native DB target; no custom ETL or access without movement
Databricks	Lakehouse / ML	<b>Lozen™ / PropelZ</b>	High-volume structured data delivery or real-time access
Power BI	BI & reporting	<b>Lozen™ / PropelZ</b>	Database-centric consumption or live access
Tableau	SQL / analytics	<b>Lozen™ / PropelZ</b>	Delivers data into analytics-ready databases or enables direct access

**Rule of thumb:** If the tool expects SQL, it's typically **PropelZ™** — unless real-time access is preferred, then **Lozen™**.

### 3. Artificial Intelligence & Machine Learning

Use Case	Data Handling Model	Correct Product	Why
watsonx	Curated training datasets	Lozen™ / PropelZ™	Structured data pipelines or real-time access to live data
Mainframe Data Access for AI/ML	Data movement to AI platforms	Lozen™ / PropelZ™	High-volume extraction with transformation or access without movement
Real-time AI access to live data	No data movement allowed	Lozen™	AI apps read/write live mainframe data

### 4. Interpretation Platforms

Platform	Integration Pattern	Correct Product	Why
MuleSoft	Event & data integration	Lozen™ / PropelZ™	JDBC-compatible structured data or real-time access
webMethods	Integration workflows	Lozen™ / PropelZ™	Database-driven pipelines or direct access
TIBCO Cloud Integration	Messaging & data	Lozen™ / PropelZ™	Eliminates custom extract jobs or enables live access
Informatica IICS	ETL replacement	Lozen™ / PropelZ™	No-code alternative or eliminates ETL entirely
Boomi	SaaS integration	Lozen™ / PropelZ™	Secure, governed delivery or real-time integration
Oracle Integration Cloud	App integration	Lozen™ / PropelZ™	Structured data targets or direct access
Azure Logic Apps	Workflow automation	Lozen™ / PropelZ™	SQL-based access or real-time workflows
WSO2 Enterprise Integrator	Middleware	Lozen™ / PropelZ™	Data pipeline simplification or direct connectivity
Salesforce / Database.com	CRM & SaaS	Lozen™ / PropelZ™	Controlled data movement or live access

**Rule of thumb:** If the integration platform connects to databases, it's typically **PropelZ™** — unless real-time access is required, then **Lozen™**.

### 5. Storage

Use Case	Storage Model	Correct Product	Why
Instant Mainframe Storage	Disk & tape virtualization	FlowZ™ or Zaac™	Cloud/SAN behaves like DASD & tape
Mainframe Tape to Cloud (archive only)	Files, no z/OS access	FlowZ™ / PropelZ™	File-based migration; PropelZ enables structured extraction for analytics
Mainframe Tape to Cloud (active access)	z/OS apps still read/write	FlowZ™ or Zaac™	Files = FlowZ, device emulation = Zaac
Business Continuity & DR	Resilient storage	FlowZ™ or Zaac™	Device-level continuity

#### Tape to Cloud: Mini Decision Split

Question	Answer	Product
Will z/OS apps continue accessing the data?	Yes	FlowZ™ or Zaac™
Do apps expect real tape/disk devices?	Yes	Zaac™
Are files sufficient?	Yes	FlowZ™
Is data being archived only?	Yes	FlowZ™ / PropelZ
Is device-level fidelity required?	Yes	Zaac™

## 6. Management & Security



Use Case	Data Type	Correct Product	Why
Splunk	Log & event data	PropelZ™	Structured log delivery
Unified SMF & Mainframe Management Data	High-volume records	PropelZ™	SMF → SQL / analytics platforms

### Summary

The decision isn't the product — it's the **data strategy**:  
**Move the data... or don't.**

 Lozen → Access data in place (no movement)

 PropelZ → Extract, transform, and deliver data

 FlowZ /  Zaac → File and storage-based movement and access