SHAREPLEX

SharePlex

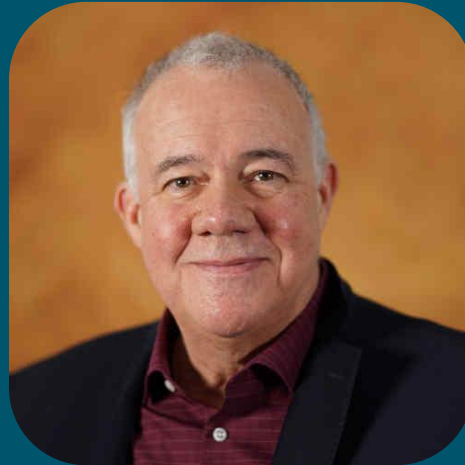## Sharper AI
The power of instant replay

Bill Brunt
SW Sales Engineer

Quest

Where Next Meets Now.

Topics

- 2nd in series
- Uses case and AI use case overview
- End results
- Demo environment setup
- Setup cdc
- Options
- Customizing
- Files used
- Next in the series

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Value of Replication – 4 main use cases

AI Ingestion

Scalability

High Availability

Integration

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AI: Always available confidential instant replay
Auditing without the performance impact.

✖ Traditional Data Ingestion

Direct Connect

- Limited to most recent only data
- Glimpses of changes
- Large ingest = large resource consumption

OR

Refreshed snapshot

- Static point in time
- Limited change visibility
- Dated, not time sensitive.

✔ SharePlex Change Data Capture (CDC)

Unlocking the value of your data

- Every transactions becomes an insert
- Complete History – including commits, before image
- Contextual metadata

AND

Optimization / Privacy

- Extremely low overhead
- Granular to columns and or rows
- PL/SQL: format preserving encryption, NIST

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AI: Example transaction
Quoting and requoting for sales

3 Sets of transactions on Sales Order Line Details

Event	QuoteNo	LineNo	SKU	Qty	Amount	Discount	Extended	
First request	1234	1	TOR	10	1,200	20%	9,600	7/2/2025 INSERT
	1234	2	TDP	4	200	20%	640	7/2/2025 INSERT
	1234	3	TFM	1	1,200	20%	960	7/2/2025 INSERT
								7/2/2025 COMMIT
TOR/TDP comes out	1234	1	TOR/TDP	10	1,200	20%	9,600	7/3/2025 UPDATE BEFORE IMAGE set SKU=TOR where LineNo=1
	1234	2	TFM	1	1,200	20%	960	7/3/2025 UPDATE AFTER IMAGE set SKU=TOR/TDP where LineNo=1
								7/3/2025 DELETE where LineNo=2
								7/3/2025 UPDATE BEFORE IMAGE set LineNo=3 where LineNo=3
								7/3/2025 UPDATE AFTER IMAGE set LineNo=2 where LineNo=3
								7/3/2025 COMMIT
Don't need TFM but								7/7/2025 DELETE where LineNo=2
want Qty 20 for TOR/TDP	1234	1	TOR/TDP	20	1,200	20%	19,200	7/7/2025 UPDATE BEFORE IMAGE set Qty=10 where LineNo=1
								7/7/2025 UPDATE AFTER IMAGE set Qty=20 where LineNo=1
								7/7/2025 COMMIT

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SharperAI: Instant Replay

DEMO

- **Demo environment setup**

- **Setup cdc**

- **Options**

- **Customizing**

Email: bill.brunt@quest.com for a copy of demonstration files.

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Questions?

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Looking Forward to Seeing You There!

Skills 101 – SharePlex
Season 2 Episode 3

SharePlex: The Future of Always-On Data Infrastructure

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