BRD — ERP/WMS Process Mining (Redacted)

1. Context
Overview of P2P/O2C flows, systems, and constraints.

2. Goals and Non-goals
- Goals: reduce cycle time variance, improve regression readiness, forecast windows (P80/P95).
- Non-goals: vendor replacement, org restructuring.

3. Scope
In: P2P, O2C, release readiness.
Out: Finance settlement, CRM.

4. Requirements
- Event log availability: Case ID, Activity, Timestamp (+ Resource).
- BPMN as-is/to-be models stored with version control.
- Conformance checks weekly; findings triage to Jira/Azure Boards.

5. Acceptance Criteria
- Logs cover ≥ 95% of throughput paths; conformance report published weekly.
- Outcomes: 20–30% cycle reduction, 25–35% fewer defects over pilot baseline.

6. Risks & Mitigations
- Data quality gaps → validation checklist.
- Unstable scope → change control board.

7. Glossary
P2P, O2C, variant, conformance, DORA.

Notes you can show in the write-up (optional)
Minimum event log fields commonly used are **Case ID, Activity, Timestamp**; other attributes (e.g., Resource/Cost) are optional but useful. fluxicon.comvdaalst.com

Conformance checking quantifies how well the log behavior fits the process model and is a standard process mining task. vdaalst.com

DORA metrics (deploy frequency, lead time, change failure rate, time to restore) are widely recognized indicators of delivery performance and can inform throughput-based forecasts. dora.devGoogle Cloud
Monte Carlo is a practical way to turn historical throughput into probabilistic date ranges.