

BAC eCommerce — Architecture with Emergence AI, Kafka & Druid (2025)

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This update embeds Emergence AI (<https://www.emergence.ai/>) as the autonomous decision plane. Where appropriate, it replaces closed AIOps stacks, consolidating personalization, media mix optimization, and auto-remediation. Kafka remains the event backbone (with Schema Registry and Debezium), and Apache Druid powers real-time analytics and customer 360. Storage is standardized on block-backed MinIO for media/UGC/AR assets, with Longhorn/NFS supporting. Shopware operates headlessly with microservices for group deals, livestream, UGC, wallet, loyalty, and referrals.