

Leadership and Management Skills for the Workplace

Managing Business Information

Individual report- Information Systems Improvements

Student: Jhonson Reyes Jaime

Lectures: Dr. Amer Kareem

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ID: 2337088

Executive Summary

AKPerog Ltd., as a rapidly growing consumer electronics retailer, faces critical operational challenges that are constraining growth, compromising customer experience, and exposing the company to significant regulatory risks. Our analysis identifies that your current fragmented systems are costing approximately £400,000-£600,000 annually in lost revenue and inefficiencies, while creating serious vulnerabilities under data protection regulations.

We recommend implementing an optimised cloud-based Integrated Retail Management Platform (IRMP) compliant with retail standards, VAT requirements, and consumer protection regulations. This solution will deliver a 210-290% ROI over three years with a payback period of 13-16 months. Key benefits include: 25-40% improvement in customer satisfaction scores, 45% reduction in manual reporting time, 96%+ inventory accuracy across all locations, and full compliance with data protection and consumer rights legislation.

The proposed implementation follows best practices for retail digital transformation, with consideration for Making Tax Digital (MTD) requirements and upcoming regulatory changes affecting retailers.

Introduction: The Retail Digital Transformation Imperative

Business Context and Strategic Challenges

As a consumer electronics retailer with 30 physical stores and growing e-commerce operations, AKPerog operates in a highly competitive and digitally advanced retail market. The retail sector is characterised by:

High customer expectations: 78% of consumers expect seamless omnichannel experiences (Retail Economics, 2023)

Intense competition: Against both traditional retailers and digital-native competitors

Complex regulatory environment: GDPR, Consumer Rights legislation, Electronic Commerce Regulations

Making Tax Digital requirements: Mandatory digital record-keeping and VAT submission

Current industry research indicates that retailers with disconnected systems experience 18-28% higher operational costs and 22-32% more stockout-related lost sales compared to digitally integrated competitors (British Retail Consortium, 2023). For AKPerog's scale and growth trajectory, this digital gap represents both immediate financial losses and strategic vulnerability.

Specific Compliance and Operational Considerations

Our assessment identifies several specific challenges:

Regulatory Compliance:

GDPR/Data Protection: Current systems lack necessary consent management and data protection controls

Consumer Rights Legislation: Inadequate systems for managing returns, refunds, and warranties

Making Tax Digital (MTD): Current manual processes will not meet digital requirements

Payment Card Industry Data Security Standard (PCI DSS): Essential for secure payment processing

Market-Specific Challenges:

Consumer protection standards: Distance selling regulations and cooling-off periods

VAT complexity: Different rates for various product categories and online vs store sales

Competitive Pressures:

Consumers are among the most digitally savvy, with 68% using multiple channels before purchasing (Ofcom, 2023)

Leading competitors have invested heavily in retail technology, creating significant competitive advantages

Analysis of Current Systems Against Standards

Current Technology Architecture Assessment Against Benchmarks

Our evaluation against Retail Technology Association standards reveals significant gaps:

Inventory Management (Against Best Practice):

No real-time stock visibility across 30 stores and online

Manual VAT rate application with high error risk

No integration with logistics providers for efficient fulfilment

Customer Data Management (Against GDPR Requirements):

No centralised consent management as required by data protection law

Customer data stored insecurely across multiple systems

No process for handling Subject Access Requests (SARs) within statutory periods

Financial and Compliance Systems:

Manual VAT calculations risking penalties

No MTD-compliant digital links between systems

Inadequate PCI DSS controls for payment processing

Reporting Capabilities:

No real-time sales reporting as expected by investors and stakeholders

Manual compilation of retail sales statistics

Inadequate data for market analysis

Quantified Impact Analysis for Operations

Based on retail sector benchmarks:

Financial Impact (Annual):

Lost sales from stockouts: £175,000-£250,000

Excess inventory costs: £80,000-£120,000

Manual process inefficiencies: £95,000-£140,000

Compliance risk exposure: Potential fines up to £17.5 million or 4% of global turnover

Customer Experience Metrics:

Online order disappointment rate: Estimated 25-30% (benchmark: <8%)

Customer complaint resolution time: 3-5 days (best practice: <24 hours)

Personalised marketing capability: Essentially non-existent versus competitors

Operational Metrics:

Month-end closing time: 8-12 days (retail average: 3-5 days)

Inventory accuracy: Estimated 70-75% (standard: >95%)

VAT return preparation time: 5-7 days (MTD-enabled companies: 1-2 days)

Regulatory Risk Assessment

Immediate High-Risk Areas:

Data Protection: Failure to comply with GDPR could result in maximum fines of £17.5 million

Consumer Rights: Non-compliance could lead to regulatory action

Tax Compliance: Manual processes risk MTD non-compliance penalties

Payment Security: Potential PCI DSS violations affecting ability to process payments

Medium-Term Risks:

Digital Markets regulations: Future regulations may require data portability

Sustainability Reporting: Increasing requirements for environmental reporting

Online Safety regulations: Responsibilities for online content and customer protection

Recommended Solution: Optimised Integrated Retail Platform

Solution Overview

We recommend implementing a configured cloud-based Integrated Retail Management Platform with specific capabilities for:

Compliance Module:

Automated GDPR compliance tools

MTD-ready VAT reporting and submission

Consumer Rights workflow automation

Specific returns and refunds management

Retail Operations:

Integration with major logistics providers

Support for payment methods (including Open Banking)

Local data hosting for reduced latency and data sovereignty

Specific product classifications and VAT categories

Recommended Vendor Options:

Sage X3 with Retail Module: Strong presence, excellent MTD integration

Microsoft Dynamics 365 Business Central: Deep compliance capabilities

Odoo Edition: Cost-effective with strong retailer user base

Brightpearl: Specifically built for omnichannel retailers

Core Solution Components

Omnichannel Commerce Engine

Purpose: Achieve true unified commerce across stores and online.

Specific Features:

Logistics Integration: Real-time shipping rates and tracking

Address Validation: Postcode lookup and address formatting

Click & Collect Optimisation: Store-based fulfilment considering geography

VAT Compliance: Automated rate application based on product type and location

Business Impact:

Delivery Cost Reduction: 15-20% through carrier optimisation

VAT Accuracy: 100% compliance with requirements

Customer Convenience: Enhanced Click & Collect and delivery options

GDPR-Compliant Customer Platform

Purpose: Achieve full compliance while enabling personalised engagement.

Specific Features:

Compliant Consent Management: Standard opt-in/opt-out processes

Data Subject Request Portal: Automated handling of SARs

Preference Centre: Managing marketing permissions per regulations

Data Residency Option: Local data hosting available

Financial Compliance Suite

Purpose: Automate tax compliance and financial reporting.

Specific Features:

Making Tax Digital Integration: Direct submission via API

VAT Return Automation: MTD-compliant digital journey

Chart of Accounts: Standard accounting framework

Auto-enrolment Pension Integration: For payroll compliance

Business Intelligence with Market Data

Purpose: Enable data-driven decisions with market context.

Specific Features:

Economic Data Integration: Economic and retail indicators

Geographic Analysis: Regional sales performance

Competitor Pricing Integration: Monitoring major competitors

Seasonality Adjustments: Specific trading patterns and holidays

Integration Strategy

Priority Integrations:

Tax Authority Integration: API integration for VAT submission

Payment Processors: Integration with major providers

Logistics Partners: Integration with major carriers

E-commerce Platforms: Integration with leading platforms

Marketplaces: Marketplace connectivity

Data Sovereignty Considerations:

Primary data hosting in local data centres

Clear data transfer protocols for any international data movement

Local disaster recovery provisions

Business Case and Financial Justification

Investment Requirements

Total 3-Year Investment: £650,000-£900,000

Breakdown:

Software Licensing (SaaS): £160,000-£240,000

Implementation Services: £300,000-£400,000

Specific Configuration: £50,000-£75,000 (GDPR, MTD, VAT)

Training & Change Management: £55,000-£80,000

Data Hosting & Infrastructure: £35,000-£55,000

Contingency (15%): £90,000-£135,000

Potential Support:

R&D Tax Credits: Potential 25% enhancement on qualifying development

Annual Investment Allowance: Full tax relief on capital expenditure

Apprenticeship Levy utilisation for training costs

Quantified Benefits (Annual in GBP)

Revenue Protection & Growth:

Reduced lost sales from stockouts: £150,000-£220,000

Increased online conversion: £110,000-£180,000

Cross-sell through personalisation: £90,000-£140,000

Cost Reduction:

Manual process automation: £70,000-£100,000

Inventory carrying cost reduction: £45,000-£70,000

Reduced compliance preparation costs: £30,000-£50,000

Risk Mitigation (Quantified):

GDPR compliance: Avoidance of up to £17.5M potential fines

MTD compliance: Avoidance of penalties

Reduced cybersecurity risk: Lower insurance premiums

ROI Calculation (GBP):

3-Year Total Benefits: £1,800,000-£2,700,000

3-Year Total Investment: £650,000-£900,000

3-Year ROI: 200-300%

Payback Period: 13-16 months

Net Present Value (NPV): £1,100,000-£1,900,000

Implementation Roadmap

Phase-Based Implementation

Total Timeline: 16 months (accelerated for market competitiveness)

Phase 1: Compliance Foundation (Months 1-4)

Focus: Address immediate regulatory risks and establish core platform.

Key Activities:

GDPR Compliance Implementation: Consent management and data protection

MTD Readiness: Digital links and VAT reporting configuration

Core Retail Platform: Installation with specific settings

Pilot in 3 Stores: Testing with payment and logistics systems

Success Metrics:

GDPR compliance achieved

MTD-compatible VAT reporting

Successful integration with payment processors

Phase 2: Omnichannel Rollout (Months 5-9)

Focus: Unified commerce across operations.

Key Activities:

Logistics Integration: Carrier connectivity

Click & Collect Implementation: Store network optimisation

E-commerce Integration: Platform connections

Rollout to 15 Additional Stores

Success Metrics:

Delivery cost reduction of 15%

Click & Collect adoption rate >20%

Inventory accuracy >95% in live stores

Phase 3: Analytics & Optimisation (Months 10-13)

Focus: Data-driven decision making for market.

Key Activities:

Market Intelligence Integration: Economic and competitor data

VAT Optimization Analysis: Rate planning and reporting

Customer Analytics: Behaviour analysis by region

Final Store Rollout: Remaining 12 locations

Phase 4: Innovation & Growth (Months 14-16)

Focus: Advanced capabilities for market leadership.

Key Activities:

Marketplace Integration: Major marketplace connections

Open Banking Implementation: Payment innovation

Sustainability Reporting: ESG requirements

Expansion Planning: Support for new store openings

Change Management Approach

Employment Law Considerations:

Consultation process with employees as required by law

Training during working hours with appropriate compensation

Reasonable adjustments for disabled employees

Training Delivery:

Mixture of in-person and virtual training

Materials aligned with retail terminology and practices

Evening and weekend training options for store staff

Certification aligned with retail qualifications framework

Communications Strategy:

Regular updates through recognised communication channels

Engagement with employee representatives if applicable

Clear messaging about benefits for staff and customers

Risk Management Plan

Risk Category	Specifics	Mitigation Strategy
Regulatory Complications	Customs, data flows, supplier issues	Dual system configurations, expert advice
Regulatory Changes	New consumer protection laws	Flexible platform, regulatory monitoring service
Tax Authority Compliance	Requirements, inspections	Regular compliance testing, liaison
Skills Shortage	Difficulty finding retail IT specialists	Upskilling programme, partner support retention

Risk Category	Specifics	Mitigation Strategy
Economic Volatility	Consumer spending changes	Phased investment, flexible licensing
Cyber Threats	Increasing attacks	Aligned security, certification

Success Metrics and Reporting

Regulatory Compliance Metrics:

- GDPR compliance score (annual assessment)
- MTD submission success rate (quarterly)
- Consumer Rights compliance incidents (monthly)

Financial Metrics:

- VAT accuracy rate (monthly)
- Penalty avoidance (annual)
- ROI in GBP with tax considerations

Customer Metrics:

- Customer Satisfaction Index scores
- Recommendation likelihood
- Ratings improvement

Operational Metrics:

- Store performance by region
- Delivery performance against carrier SLAs
- Staff system adoption rates

Conclusion and Recommendations

Strategic Imperative for Competitiveness

As a retailer in the highly competitive electronics sector, AKPerog faces immediate pressure from both traditional competitors and digital-native entrants. The proposed Integrated Retail Platform addresses:

Immediate Needs:

Regulatory Survival: GDPR, MTD, and consumer protection compliance

Competitive Parity: Matching customer experience expectations

Operational Efficiency: Reducing costs in a challenging economic environment

Strategic Advantages:

Market Responsiveness: Faster adaptation to consumer trends

Scalable Expansion: Efficient opening of new stores

Innovation Foundation: Platform for future retail technologies

Immediate Next Steps

Within 30 Days:

Board Approval: Formal sign-off on business case

Registration Review: Ensure current data processing activities are properly registered

MTD Status Assessment: Current position against requirements

Vendor Shortlisting: Final meetings with solutions providers

Stakeholder Workshops: In-person sessions in key locations

Within 60 Days:

Data Audit: Comprehensive review of all customer data against GDPR

Tax Authority Engagement: Discussion of MTD implementation timeline

Pilot Site Selection: Choosing representative stores

Employment Consultation: Beginning staff engagement process

Long-Term Market Positioning

Year 1-2: Establish as a compliant, efficient retailer with superior omnichannel capabilities

Year 3-4: Become a retail technology leader with innovative customer experiences

Year 5+: Potentially licence technology platform to other retailers

Final Recommendation

Based on our analysis of AKPerog's position in the market, the regulatory landscape, and competitive pressures, we strongly recommend proceeding with the implementation of an Integrated Retail Platform.

The business case is compelling, with 200-300% ROI and critical regulatory risk mitigation. More importantly, this investment positions AKPerog for sustainable growth in the market, ensuring compliance today while building capabilities for tomorrow's retail environment.

Key Decision Criteria for Board:

Regulatory Imperative: Can we continue trading without addressing compliance gaps?

Competitive Necessity: Can we compete with digitally advanced retailers using current systems?

Growth Requirement: Can we achieve expansion goals with existing technology limitations?

Financial Prudence: Can we afford NOT to make this investment given the cost of inaction?

The evidence suggests clear answers to all these questions. We recommend moving forward with urgency to secure AKPerog's position as a leading, innovative consumer electronics retailer.

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