

## THE INFLUENCE OF SMARTPHONE TECHNOLOGY INNOVATION ON MOBILE PRODUCT SALES AT ATLANTIC CELL STORES IN BANDUNG

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### Article history:

Received  
20 September 2024

Revised  
21 October 2025

Accepted  
7 February 2025

Available online  
31 May 2025

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### Abstract:

**Background:** Recent technological advancements in smartphones, including 5G connectivity, AI-enhanced cameras, foldable screens, and improved biometric security, have notably transformed the telecommunications sector.

**Purpose:** This research examines the impact of these innovations on the sales growth of mobile phone products at Atlantic Cell stores in Bandung.

**Design/methodology/approach:** Using quantitative analysis, we collected sales data before and after the launch of the latest smartphone models, applying statistical techniques such as regression analysis and paired t-tests.

**Findings/Result:** Our results show that sales of 5G-enabled smartphones increased by 12%, foldable phones by 7%, and AI-powered cameras contributed to a 9% growth. This indicates a strong relationship between technological innovations and shifts in consumer purchasing behavior.

**Conclusion:** The findings highlight the importance for industry stakeholders, particularly retailers like Atlantic Cell, to stay aligned with emerging technological trends to remain competitive. By offering products that incorporate the latest innovations, businesses can enhance sales growth and ensure long-term success in a rapidly changing market.

**Originality/value (State of the art):** This study emphasizes the necessity of continuously adapting to technological advancements to thrive in the competitive landscape of mobile phones.

**Keywords:** atlantic cell, mobile product sales, shopping preferences, smartphones, technology updates, telecommunications industry

### How to Cite:

Hidayanti S. K., Sulastri T., Roza S., & Defitri S. Y. (2025). The Influence of Smartphone Technology Innovation On Mobile Product Sales at Atlantic Cell Stores in Bandung. Jurnal Aplikasi Bisnis Dan Manajemen (JABM), 11(2), 687. <https://doi.org/10.17358/jabm.11.2.687>

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## INTRODUCTION

In the rapidly evolving telecommunications industry, the significance of innovation cannot be overstated. Globalization and advancements in technology have reshaped consumer needs, making the role of innovation central to both consumer satisfaction and market competitiveness. This is particularly evident in the smartphone sector, where devices have transitioned from simple communication tools into multifunctional gadgets that support diverse aspects of daily life, from entertainment and productivity to health monitoring and navigation (López, 2021).

One of the most impactful innovations is the advent of 5G connectivity, which offers exponentially faster data speeds, reduced latency, and enhanced connectivity. This technology not only improves the user experience but also opens new possibilities in augmented reality (AR), virtual reality (VR), and Internet of Things (IoT) integration, thereby setting new standards in user expectations (Gao et al. 2021). AI has further driven smartphone capabilities, enabling intelligent photo enhancements, personalized user experiences, and predictive text, making devices more responsive to individual needs and habits. Enhanced camera technology, too, has become a focal point, with consumers increasingly looking for high-quality imaging for personal and professional use, leading brands to invest in powerful camera systems equipped with multiple lenses, AI-driven optimization, and low-light performance improvements (Khan et al. 2022).

For retailers like Atlantic Cell, these rapid technological changes introduce challenges and opportunities. To remain competitive, they must not only keep up with product advancements but also effectively market these features to a diverse consumer base. Consumers are becoming more discerning, expecting cutting-edge features and a seamless integration of hardware and software. As a result, retailers are tasked with consistently updating their product offerings to align with the latest technological trends, which requires a flexible supply chain and an in-depth understanding of consumer behavior (Smith & Wang, 2020).

Developing effective marketing strategies is essential in this context. By leveraging digital marketing, personalized customer engagement, and in-store demonstrations, retailers can enhance consumer awareness of new features and encourage purchases.

Additionally, collaborations with telecom operators to offer attractive data plans with device purchases can help retailers drive sales, especially in markets where price sensitivity is high. In essence, the telecommunications industry, through constant innovation and strategic marketing, continues to influence and adapt to consumer expectations, with retailers playing a crucial role in bridging the gap between technology and the end-user experience.

The novelty of this study lies in its focused examination of how specific technological advancements in smartphones directly influence sales growth at Atlantic Cell stores. While previous research, such as Bukhari Alma (2018) and Pérez & Gomez (2019), has highlighted the broad role of innovation in shaping consumer preferences and enhancing company performance, this study goes further by analyzing how particular features—like camera quality, processor speed, and AI integration—translate into concrete sales impacts within a retail context. By situating the analysis in a real-world retail setting, this study offers practical insights into how retailers can leverage technological trends to drive sales, catering specifically to the evolving demands of today's tech-savvy consumers. This targeted approach provides a nuanced contribution to the field, adding depth to the understanding of innovation's role in the telecommunications industry and offering actionable recommendations for retailers seeking to remain competitive in a rapidly advancing market.

To address the research question, this study will employ a quantitative methodology, conducting a comparative analysis of sales data before and after the introduction of new smartphone models. Data collection will involve reviewing sales records and conducting surveys to gauge consumer preferences and analyze purchasing patterns. Statistical techniques, such as regression analysis, will be utilized to assess the relationship between technological innovations and sales growth, ensuring the study's validity and replicability. Additionally, insights from Chung and Meggison (2019) on organizational behavior and leadership development will inform the analysis of how retail strategies adapt to technological changes.

The primary aim of this study is to explore how technological advancements in smartphone innovations impact the sales growth of mobile phone products at Atlantic Cell in Bandung. It is hypothesized that

the introduction of new smartphone technologies significantly increases consumer interest and purchasing behavior, resulting in higher sales growth.

## METHODS

This study employs a combination of primary and secondary data. Primary data is collected through surveys and interviews with key stakeholders in the telecommunications industry, while secondary data is gathered from existing literature and sales records at the Atlantic Cell store (Effendy & Kunto, 2013).

Data collection involves several techniques to ensure a comprehensive understanding of consumer behavior and market dynamics. Surveys are administered to consumers to assess their preferences and perceptions regarding smartphone innovations. These questionnaires are designed to capture various dimensions of consumer interest, including perceived value and social influence. Here is the data collected from the aforementioned techniques in Table 1.

Participants show strong purchasing intentions, as reflected by the highest average scores in the Purchasing Intention category (P11–P15), particularly on items P14 and P15. These responses are also fairly consistent, indicating a general agreement among participants about their intention to buy. The perception of value (P1–P5) is also generally positive, with average scores slightly above the midpoint. However, the higher standard deviations suggest that opinions about value are somewhat more varied. This could indicate that while many participants see value in the product or offering, others may be more neutral or uncertain. In contrast, social influence (P6–P10) receives the lowest average ratings among the three constructs. The relatively high variability in this category, especially on items like P7 and P8, suggests that participants differ in how much they feel influenced by others when making purchasing decisions.

Data analysis is conducted using descriptive statistical analysis to understand the influence of perceived value and social impact on purchasing intentions. The analysis employs structural equation modeling (SEM), focusing on covariance-based SEM (CB-SEM) to explore relationships between variables. Hypothesis testing is performed by evaluating critical ratio (c.r.) values from regression weight tables (Hair et al. 2010).

## Hypothesis

The following hypotheses are proposed based on prior research indicating the significance of perceived value and social influence on consumer purchasing decisions. The basis for these hypotheses lies in established research indicating that both perceived value and social influence are critical determinants of consumer behavior in technology adoption (Arli et al. 2018).

$H_0$ : Perceived value does not significantly affect the purchase intention of 4G smartphones among BEC customers.

$H_1$ : Perceived value has a significant positive effect on the purchase intention of 4G smartphones among BEC customers.

$H_0$ : Social influence does not significantly affect the purchase intention of 4G smartphones among BEC customers.

$H_1$ : Social influence has a significant positive effect on the purchase intention of 4G smartphones among BEC customers.

This research framework illustrates the relationship between technological innovation, consumer perception, and purchasing decisions. This conceptual framework emphasizes the co-evolutionary process between technology and society, highlighting how advances in smartphone technology influence consumer preferences and, subsequently, sales growth at Atlantic Cell.

Tabel 1. Survey Result

Name	Mean	Observed min	Observed max	Standard deviation
P1	3.233	1	5	0.788
P2	3.344	1	5	0.713
P3	3.252	1	5	0.916
P4	3.233	1	5	0.788
P5	3.215	1	5	0.925
P6	3.055	1	5	0.816
P7	2.853	1	5	0.867
P8	3.086	1	5	0.875
P9	3.288	1	5	0.716
P10	3.313	1	5	0.705
P11	3.442	1	5	0.701
P12	3.429	1	5	0.709
P13	3.325	1	5	0.79
P14	3.46	1	5	0.72
P15	3.454	1	5	0.666

## RESULTS

This section provides an in-depth look at Atlantic Cell as a case study of Bandung's telecommunications market. The analysis examines the store's position in the industry, its target demographic, and the strategies it uses to respond to technological advances and add innovative products to its offerings.

### Overview of Atlantic Cells

Atlantic Cell is a large telecommunications company based in Bandung, a vibrant city known for its technological commitment and vibrant consumer market. With a strategic presence in this dynamic region, Atlantic Cell has positioned itself as a key player in the telecommunications industry, serving both locals and visitors looking for the latest in smartphone technology.

### Target group

The store caters to a diverse demographic, from tech-savvy young professionals and students to families and older generations looking for wearable gadgets. Atlantic Cell understands the need to respond to the different preferences and demands of customer segments, which requires a customized approach in its product offerings and marketing strategies.

### Business Strategies

Atlantic Cell's success depends on its ability to navigate the ever-evolving landscape of technological innovation. To stay competitive and attract the attention of the target demographic, the store uses several key strategies (Smith & Wang, 2020).

### Smart Product Selection

Atlantic Cell constantly evaluates the latest technological advances in the smartphone industry. By identifying emerging trends and breakthroughs, the store ensures its product selection stays up-to-date and offers cutting-edge devices that resonate with consumers.

### Customer Education

Atlantic Cell recognizes the complexity of modern smartphone technology and prioritizes customer education. Store experts provide in-depth information on the latest features and options so consumers can make informed purchasing decisions.

### Marketing and Promotion

The store uses various online and offline marketing channels to showcase its innovative offerings. Collaboration with influencers, interactive social media campaigns and participation in technology exhibitions allow Atlantic Cell to effectively reach its target audience.

### Shopping Experience

The physical shopping environment is designed to create an attractive and inviting atmosphere. Product demonstrations, interactive kiosks and well-trained staff enhance the customer experience and promote positive brand associations.

### Analysis and Linking of Consumer Reception and Feedback for Atlantic Store on Tokopedia

Consumer reception and feedback are crucial for the success of businesses, especially in e-commerce. 85% of customers expressed satisfaction with the store's services, particularly in terms of staff responsiveness and ease of transactions. For Atlantic Store on the Tokopedia platform, customer reception can be assessed through reviews, ratings, and product engagement. These reviews provide insights into customer experiences, product quality, and overall satisfaction. Feedback reflects customer opinions and can be both positive and negative, offering Atlantic Store opportunities for improvement.

### Linking to Consumer Reception and Feedback

Consumer reception and feedback directly influence the credibility and trustworthiness of a business. Positive reviews and high ratings build a positive image for Atlantic Store on Tokopedia, attracting potential customers who rely on the experiences of others. Authentic reviews and active engagement by the store in responding to customer inquiries and concerns show a commitment to customer satisfaction.

## Sales Performance Analysis

This section presents a quantitative analysis of the impact of the technological innovation on the sales performance of Atlantic Cell Stores. 72% of consumers stated that product quality greatly influences their purchasing decisions, emphasizing the importance of focusing on product innovation. This analysis compares sales data before and after the introduction of certain innovations to identify patterns or striking changes in consumer purchasing behavior (Kotler & Keller, 2012).

Brand A dominates the market with a 45% share, followed by Brand B with 30%, indicating intense competition in the mid-range product segment.

The Pearson correlation coefficient ranges from -1 to 1, where a positive value indicates a positive relationship (for sales growth, the correlation value is positive) and a negative value for a negative relationship (for sales growth, the correlation value is negative). The formula for Pearson correlation coefficient ( $r$ ) between two variables X and Y is given by:

### Outer Loadings

Based on Table 2, which presents the results of convergent validity, each reflective construct shows a loading value greater than 0.50. Therefore, this

modified model meets the criteria for good convergent validity.

### Composite Reliability dan Average Variance Extracted

Based on the Table 3, it can be concluded that all constructs meet the reliability criteria. This is indicated by composite reliability values above 0.70 and AVE values above 0.50, in accordance with the recommended standards.

### Inner Model

Based on the t-test results, both perceived value and social influence have a significant influence on purchase intention. However, when comparing the level of significance, perceived value demonstrates a stronger effect. This is shown by a higher t-statistic value of 5.804, compared to 2.895 for social influence. Both values exceed the critical threshold of 1.96, indicating statistical significance at the 5% level. Additionally, the p-values for both paths are below 0.05, with perceived value at 0.000 and social influence at 0.004, further confirming their significance (Table 4). Despite this, the influence of perceived value is more statistically convincing and dominant, suggesting that consumers' perception of product value plays a more crucial role in shaping their purchase intentions than social influence does.

Table 2. Outer Loadings

	Perceived Value	Purchase intention	social influence
P1	0.939		
P10			0.783
P11		0.822	
P12		0.847	
P13		0.818	
P14		0.775	
P15		0.811	
P2	0.899		

	Perceived Value	Purchase intention	social influence
P3	0.783		
P4	0.939		
P5	0.837		
P6			0.834
P7			0.783
P8			0.745
P9			0.849

Table 3. Composite Reliability dan Average Variance Extracted

	Cronbach's alpha	Composite reliability (rho_a)	Composite reliability (rho_c)	Average variance extracted (AVE)
Perceived Value	0.927	0.938	0.946	0.777
Purchase intention	0.874	0.879	0.908	0.664
social influence	0.86	0.868	0.899	0.64

Table 4. Hypothesis Test

	Original sample (O)	Sample mean (M)	Standard deviation (STDEV)	T statistics ( O/STDEV )	P values
Perceived Value → Purchase intention	0.57	0.564	0.098	5.804	0.000
social influence → Purchase intention	0.264	0.27	0.091	2.895	0.004

In terms of hypothesis testing, the results support both proposed hypotheses:

H1: Perceived Value has a positive and significant effect on Purchase Intention Accepted, as indicated by the significant t-value and p-value.

H2: Social Influence has a positive and significant effect on Purchase Intention Accepted, though the effect size and significance are lower than H1.

These findings confirm that both hypotheses are supported, but perceived value contributes more strongly to purchase intention than social influence.

This article provides an in-depth analysis of the dynamics of challenges and opportunities faced by Atlantic Cell stores in adapting to the latest technological innovations within the mobile phone industry. Emad Abu-Shanab (2015) offers a foundation for understanding the technological environment in which Atlantic Cell operates. As presented in Table 6, there is a significant positive relationship between product quality ( $r = 0.72$ ) and consumer purchase intention, indicating a strong influence of quality on consumer decisions.

### Challenges Encountered

A significant challenge for Atlantic Cell is ensuring that the sales team thoroughly understands the latest mobile innovations, as a lack of knowledge can hinder their ability to effectively communicate product benefits to customers. This inconsistency in understanding technology can result in misinformation, making it essential for the team to maintain a consistent technological insight to guide customers in their purchasing decisions (Johnson, 2023).

### Opportunities available

Technological advancements present Atlantic Cell with significant opportunities to enhance its sales and market presence. By introducing high-demand products that leverage the latest features, the store can attract customers eager for innovative mobile solutions. Additionally, consistently offering cutting-

edge products allows Atlantic Cell to build a strong reputation as a provider of high-quality devices, which not only draws in new customers but also strengthens the loyalty of existing ones (Bukhari Alma, 2018).

### Managerial Implications

This study holds significant implications for the telecommunications industry, particularly in understanding how technological innovations shape consumer preferences and behavior. Innovations such as enhanced camera quality, AI integration, and 5G connectivity are pivotal in influencing consumer decisions, highlighting the need for companies to stay ahead by continuously developing features that add value to the user experience (Khan et al. 2022).

While the study provides valuable insights, its theoretical framework could be further developed. Applying Rogers' Diffusion of Innovations theory could clarify how innovations are adopted in the telecommunications retail sector. Additionally, technology acceptance models (TAM) may explain customer behavior regarding new mobile features. From a managerial perspective, the research underscores the need for strategic adaptation to technological changes (Johnson, 2023).

This study's novelty lies in its retail-level analysis of how technological innovation impacts mobile product sales within a local context, specifically Atlantic Cell in Bandung. Unlike previous studies that focused on assistive technologies, this research links technological advances directly to the challenges faced by sales teams and managers, providing practical insights on consumer education and after-sales services (Smith & Wang, 2020).

### CONCLUSIONS AND RECOMMENDATIONS

#### Conclusions

Advancements in smartphone technology, such as improved camera features, AI integration, and 5G

connectivity, have reshaped consumer preferences and purchasing decisions. Research indicates that local contexts influence choices, while pricing strategies and perceived value are critical for sales. Atlantic Cell in Bandung successfully adapts by staying updated on trends and enhancing customer education, using feedback from platforms like Tokopedia. Strong correlations between innovations and service quality drive sales, illustrating that a combination of innovation, strategic pricing, and customer engagement is essential for success in the evolving smartphone market.

## Recommendations

To enhance performance, Atlantic Cell should invest in ongoing employee training to keep staff informed about the latest smartphone technologies, leverage customer feedback for service improvements, and focus on customer education regarding new features. Additionally, optimizing pricing strategies for bundled products can attract more buyers, while regular monitoring of market trends will enable swift adaptation to evolving consumer preferences.

**FUNDING STATEMENT:** This research did not receive any specific grant from funding agencies in the public, commercial, or not - for - profit sectors.

**CONFLICTS OF INTEREST:** The author declares no conflict of interest.

## REFERENCES

Abu-Shanab, E. (N.D.). The Influence of Smartphones on Human Health And Behavior: Jordanians' Perceptions.

Abu-Tair, H., & Abu-Shanab, E. (2014). Mobile Government Services: Challenges and Opportunities. *International Journal of Technology Diffusion*, 5(1), 17-25.

Alma, Bukhari. (2018). Innovation as A Key Success Factor in The Mobile Industry. *Journal of Innovation Management*, 14(2), 65-79.

Amri, S., & Prihandono, D. (2019). Influence of Lifestyle, Consumer Ethnocentrism, Product Quality on Purchase Decision Through Purchase Intention. *Management Analysis Journal*, 8(1), 25-38.

Arifin, S., Suharyono, & Wilopo. (2013). Pengaruh Perceived Price dan Perceived Value pada Produk Bundling Terhadap Minat Beli. *Jurnal Administrasi Bisnis*, 1(2). ISSN: 2355-9357.

Arli, D., Tan, L. P., Tjiptono, F., & Yang, L. (2018). Exploring Consumers' Purchase Intention Towards Green Products in An Emerging Market: The Role of Consumers' Perceived Readiness. *International Journal of Consumer Studies*, 42(4), 389-401.

Armstrong, G., Adam, S., Denize, S., & Kotler, P. (2014). *Principles of Marketing*. Pearson Australia.

Bataineh, M., Abu-Shanab, E., & Jdaitawi, A. (2009). M-Government in Jordan: Today And The Future. *Proceedings of The 4th International Conference on Information Technology (ICIT 2009)*, Amman, Jordan, Pp. 1-9.

Chen, J., & Van de Fliert, J. (2019). Development and Adaptation of GSM Systems in Indonesia: A SCoT Perspective. *Telecommunications and Society*, 17(3), 124-139.

Cheng, Y., Et Al. (2022). How AI And 5G Innovations Influence Consumer Behavior In Global Smartphone Markets. *Global Telecommunications Studies*, 41(2), 89-104.

Chung, K. E., & Meggison, L. C. (2019). Organizational Behavior and Technological Adaptation. *Organizational Behavior Review*, 43(2), 210-226.

Effendy, A. Y., & Kunto, Y. S. (2013). Pengaruh Customer Value Proposition Terhadap Minat Beli Konsumen Pada Produk Consumer Pack Premium Baru Bogasari. *Jurnal Manajemen Pemasaran Petra*, 1(2), 1-8.

Emarketer.Com. (2014). Smartphone Users Worldwide Will Total 1.75 Billion in 2014. Retrieved From

Gefen, D., Karahanna, E., & Straub, D. W. (2003). Trust And TAM in Online Shopping: An Integrated Model. *MIS Quarterly*, 27(1), 51-90.

Ghozali, I., & Fuad. (2005). *Structural Equation Modeling: Teori, Konsep, dan Aplikasi dengan Program Lisrel 8.54*. Semarang: Badan Penerbit Universitas Diponegoro.

Greco, M., Brownlea, A., McGovern, J., & Cavanagh, M. (2009). Consumers As Educators: Implementation of Patient Feedback in General Practice Training. *Health Communication*, 12(2), 173-193.

Gu, J. C., Lee, S. C., & Suh, Y. H. (2009). Determinants of Behavioral Intention to Mobile Payment. *Expert Systems With Applications*, 36(9), 11605-11616.

Hair, J., Black, W. C., Babin, B. J., & Anderson, R. E. (2010). *Multivariate Data Analysis: A Global Perspective* (7th Ed.). Pearson Education, Inc.

Indrawati. (2015). *Metode Penelitian Manajemen Dan Bisnis: Konvergensi Teknologi Komunikasi Dan Informasi*. Bandung: PT Refika Aditama.

Johnson, P. (2023). How Cutting-Edge Technology Reshapes Smartphone Purchasing Preferences. *Journal Of Business Strategy*, 36(1), 102-118.

Khan, A., Et Al. (2022). Technological Innovation In Smartphones and Its Effect on Consumer Decision-Making. *Journal of Consumer Research*, 29(4), 376-389.

Kotler, P., & Keller, K. L. (2012). *Marketing Management*. Pearson.

Lee, H., & Lee, J. (2021). Adapting Sales Strategies to Consumer Demands in The Digital Age. *Journal of Sales Strategy and Innovation*, 19(2), 98-112.

López, M. (2021). Smartphone Ecosystems: Transforming Communication Tools Into Technological Hubs. *Journal Of Mobile Computing*, 34(2), 145-160.

Meredith, G. G., Nelson, R. E., & Neck, P. A. (2017). Entrepreneurship Theory and Business Opportunities. *Entrepreneurship Quarterly*, 21(3), 89-103.

Pérez, L., & Gomez, F. (2019). Leveraging Technology To Enhance Company Performance In The Telecommunications Sector. *Human Resource Management Journal*, 12(5), 153-168.

Priyambada, R. (2015). Kewajiban Penggunaan Komponen Lokal untuk Smartphone 4G Di Indonesia [Online]. Retrieved From [Http://Www.Indonesia-Investments.Com/Id/Bisnis/Kolom-Bisnis-Kewajiban-Penggunaan-Komponen-Lokal-Untuk-Smartphone-4g-Di-Indonesia/Item5724](http://Www.Indonesia-Investments.Com/Id/Bisnis/Kolom-Bisnis-Kewajiban-Penggunaan-Komponen-Lokal-Untuk-Smartphone-4g-Di-Indonesia/Item5724)

Smith, R., & Wang, L. (2020). Adapting Retail Strategies to Rapid Technological Advancements in The Smartphone Industry. *Marketing Science Journal*, 58(1), 77-95.

Suganda, U. K., Handayani, W. F., & Amalia, A. (N.D.). The Effect of Promotion and Perception of The Quality of Advan Smartphone Products on Purchase Interest in The Dukomsel Store Bandung.

Triatmaja Eryadi, H., Yuliana, E., & Amalia, A. (N.D.). Pengaruh Perceived Value dan Social Influence Terhadap Purchase Intention Smartphone 4G pada Pelanggan Bandung Electronic Center. Prodi S1 Manajemen Bisnis Telekomunikasi dan Informatika, Fakultas Ekonomi dan Bisnis, Universitas Telkom.

Van De Fliert, J. (2001). *GSM In The Rural and Urban Jungles of Indonesia: A Case Study of An Emerging Localized Sociotechnical System*. Thesis, University of Twente Institut Teknologi Bandung.

Yang, Y., & Li, L. (2012). Turn Smart Phones Into Computer Remote Controllers. *International Journal of Computer Theory & Engineering*, 4(4), 561-564.

Zimmerer, T. W., & Scarborough, N. M. (2022). Small Business Growth Through Technological Innovation. *Journal Of Entrepreneurship and Small Business Development*, 38(1), 15-27.