



## DIGITAL DEPOSIT SERVICES AND THEIR ACCOUNT IN COMMERCIAL BANKS

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**Abstract:** This article examines digital deposit services in commercial banks, their accounting, and development trends. The current state, advantages, and disadvantages of digital deposit services are analyzed. Additionally, international and national standards for accounting digital deposits are compared.

**Keywords:** digital deposits, commercial banks, banking services, mobile banking, internet banking, deposit accounting.

**Annotatsiya:** Ushbu maqolada tijorat banklaridagi raqamli depozit xizmatlari, ularning hisobi va rivojlanish tendensiyalari ko'rib chiqiladi. Raqamli depozit xizmatlarining hozirgi holati, afzalliklari va kamchiliklari tahlil qilinadi. Bundan tashqari, xalqaro va milliy raqamli depozitlarni hisobga olish standartlari taqqoslanadi.

**Kalit so'zlar:** raqamli depozitlar, tijorat banklari, bank xizmatlari, mobil banking, Internet-banking, depozitlarni hisobga olish.

**Аннотация:** В данной статье рассматриваются цифровые депозитные услуги в коммерческих банках, их учет и тенденции развития. Анализируется текущее состояние, преимущества и недостатки цифровых депозитных услуг. Кроме того, сравниваются международные и национальные стандарты учета цифровых депозитов.

**Ключевые слова:** цифровые депозиты, коммерческие банки, банковские услуги, мобильный банкинг, интернет-банкинг, учет депозитов.

### INTRODUCTION

The rapid development of digital technologies in the modern banking system is fundamentally changing the processes of providing and accounting for banking services. Digital deposit services provide customers with convenient, fast, and secure access to financial services [1]. The development of digital deposit services in the banking system of Uzbekistan is one of the urgent issues.

The purpose of the research is to study the current state of digital deposit services in commercial banks and develop recommendations for improving their accounting system.

### METHODS AND LITERATURE REVIEW

The research utilized methods of scientific literature analysis, systematic approach, comparison, and generalization.

Among foreign scholars, J. King has studied digital deposits as an innovative product of the banking system [2]. M. Anderson has researched security issues of digital deposits [3]. Russian scholar V.V. Popov has developed methodological foundations for accounting digital deposits [4].

Among Uzbek scholars, B. Toshmurodov [5] and S. Norqobilov [6] have researched the development of digital services in commercial banks.

### RESULTS

Our research analysis reveals several significant findings regarding digital deposit services in

commercial banks. Digital deposits demonstrate substantial advantages over traditional deposit methods. First, these services provide remarkable time efficiency, allowing customers to manage their deposits 24/7 without visiting physical bank branches. Second, the monitoring capabilities enable real-time tracking of transactions and balance changes through mobile applications or web interfaces. Third, automated calculations reduce human error in interest computations and transaction processing [7].

Statistical data from the Central Bank of Uzbekistan indicates that digital deposits comprised 15% of total deposits in commercial banks during 2023, showing a 5% increase from the previous year [8]. This growth demonstrates increasing customer acceptance and trust in digital banking solutions. The implementation of IFRS 9 standards has revealed notable differences from national accounting standards, particularly in areas of digital asset classification and impairment assessment methodologies [9].

## **ANALYSIS AND DISCUSSION**

The increasing digitalization of banking services has created both opportunities and challenges for commercial banks in managing deposit services. Our analysis indicates that the successful implementation of digital deposit services heavily depends on technological infrastructure readiness, which directly impacts service quality and customer satisfaction. The current banking landscape shows that institutions with modern digital capabilities can process transactions more efficiently and maintain lower operational costs compared to traditional banking methods.

The regulatory environment plays a crucial role in shaping digital deposit services. Banks must navigate complex compliance requirements while maintaining service innovation. This balance becomes particularly challenging when implementing new digital products and services, as regulatory frameworks often lag behind technological advancement. The integration of international standards with local banking regulations creates additional complexity in accounting practices and reporting requirements.

Security concerns remain paramount in digital banking operations. Banks must continuously upgrade their security protocols to protect against emerging cyber threats while ensuring smooth service delivery. The implementation of advanced authentication methods and encryption systems has become standard practice, though this increases operational complexity and costs.

Customer adoption patterns reveal interesting trends across different demographic segments. While younger, urban customers readily embrace digital deposit services, there remains a significant gap in adoption among older and rural populations. This digital divide presents both a challenge and an opportunity for banks to develop targeted strategies for different customer segments.

The accounting implications of digital deposit services present unique challenges for banks. Traditional accounting systems must be adapted to handle real-time digital transactions while maintaining accuracy and compliance with regulatory requirements. The integration of automated systems with existing banking infrastructure requires significant investment and careful planning to ensure seamless operation.

## **CONCLUSIONS**

The transformation of deposit services through digital channels represents a fundamental shift in banking operations. Banks must prioritize technological infrastructure development while maintaining robust security measures and regulatory compliance. The successful implementation of digital deposit services requires a comprehensive approach that addresses both technical and operational challenges.

The future of digital deposit services lies in the ability of banks to create seamless, secure, and efficient digital banking experiences. This requires continuous investment in technology, staff training, and system upgrades. Banks that successfully navigate these challenges while maintaining strong security protocols and regulatory compliance will gain competitive advantages in the evolving banking landscape.

The adoption of international accounting standards and the development of specialized digital transaction processing systems will become increasingly important. Banks must focus on creating integrated solutions that balance customer convenience with security requirements while ensuring accurate financial reporting and regulatory compliance.

These findings suggest that banks should continue to invest in digital infrastructure while developing comprehensive strategies for customer education and support. The success of digital deposit services will ultimately depend on the ability of banks to create trust, ensure security, and provide convenient, reliable services to all customer segments.

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