



# Modern solutions meeting the challenges of the time

**Speaker: V.N. Ulikhin**  
**General Director of LLC TIC DEEP 2000**

XIV International Online Conference "Payment Industry:  
Practice and Transformation after the Pandemic"

Moscow  
October 29-30, 2020

# Current trends:

1. **Transfer of cash services by banks to outsourcing companies**  
Consolidation of cash centers by the main players involved in cash recirculation.  
Creation of modern factories for cash processing.
2. **Systems for the optimization and automation of manual labor and the use of robots in technological chains.**
3. **Construction of new services of cash circulation in the retail market using innovative equipment.**

## Types of the equipment:

- Banknote recycling machines
- Coin recycling machines

4. **Technologies and medical safety.**



# Queue management system

2700

projects launched  
throughout Russia



# Functionality and design

- ✓ Camera with biometric function
- ✓ User friendly LCD display
- ✓ Minimalistic design





Medical  
safety

The client wants and  
receives a safe service

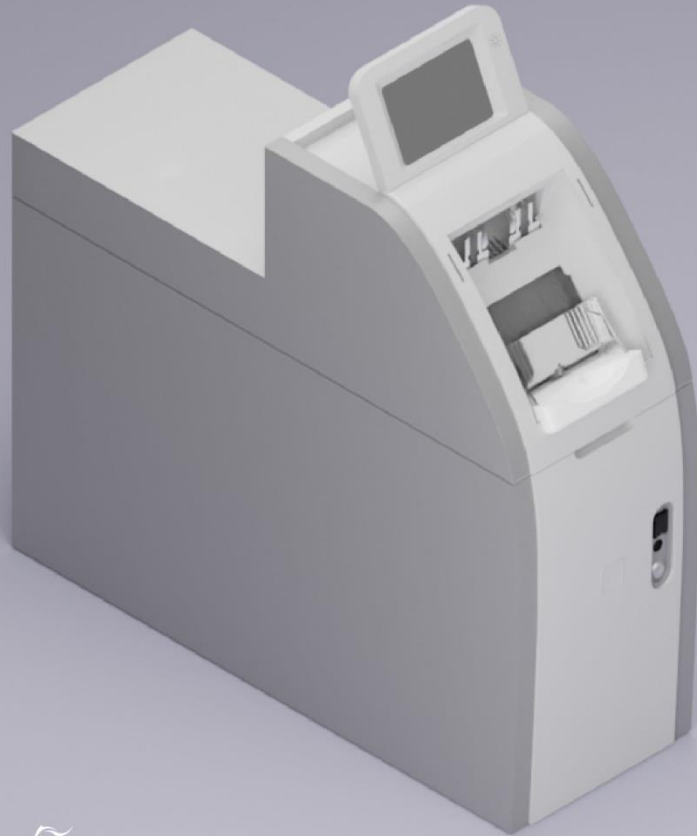
TCR

LTA 380

Ready-made design  
solution for automating  
customer payments

1,5m

## TCR LTA 380



Medical  
safety

- ✓ People are less in touch with each other and with money
- ✓ Non-contact
- ✓ Reduction of operations
- ✓ High speed and compact size
- ✓ Private transactions (unlike ATM)
- ✓ Specific and non-standard operations performed by the operator



**-400%**

reduction of the wage bill

**+150%**

efficiency

## Optimization

Large cash centers take cash  
for processing from small banks  
and branches

# Cash handling robotic complex



Medical  
safety



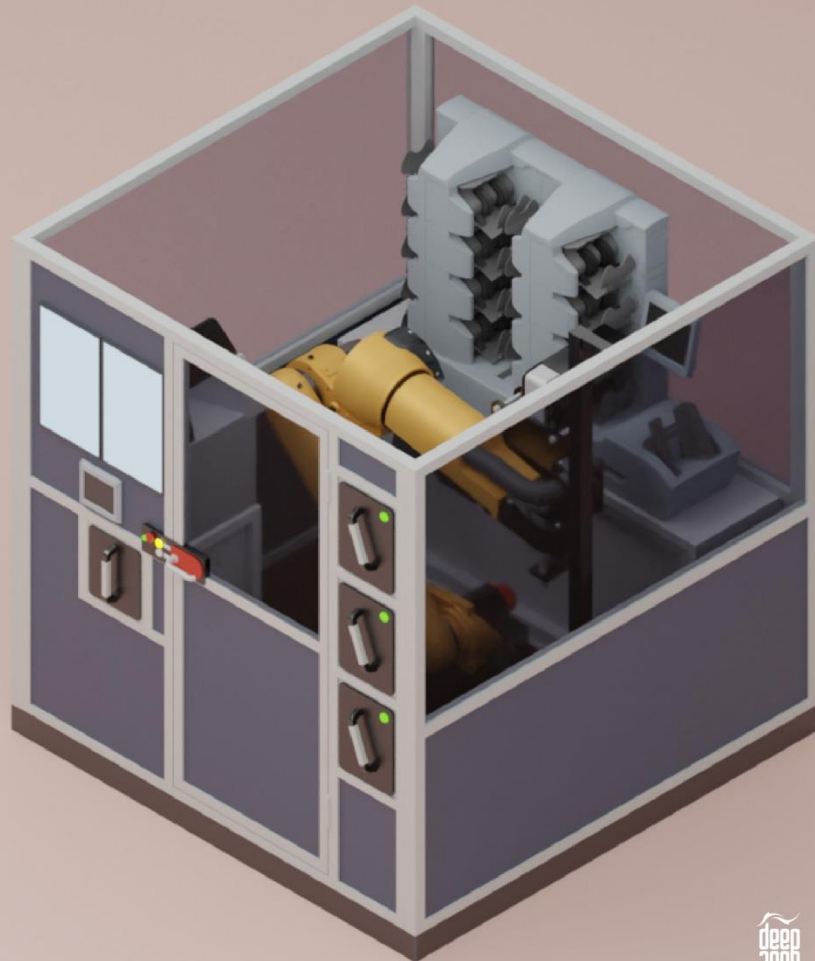


Medical  
safety

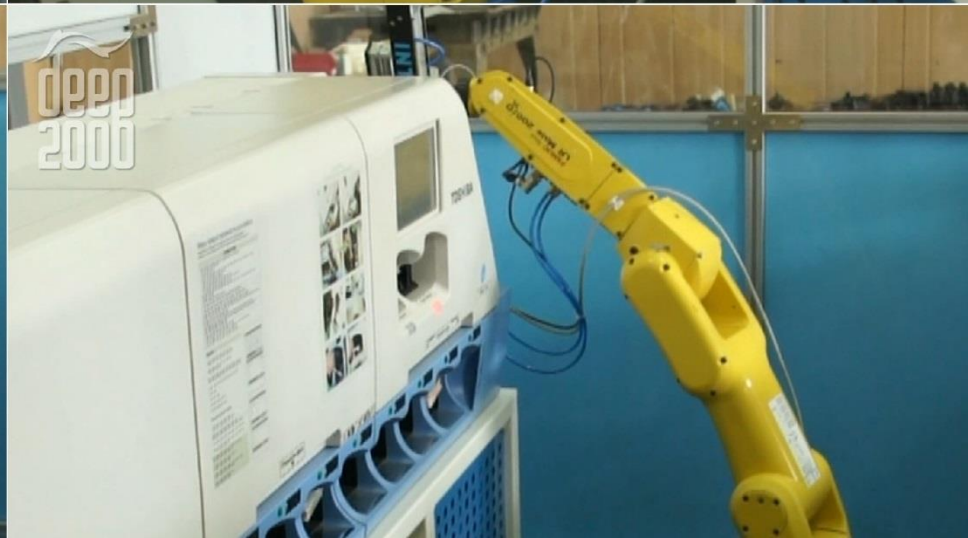
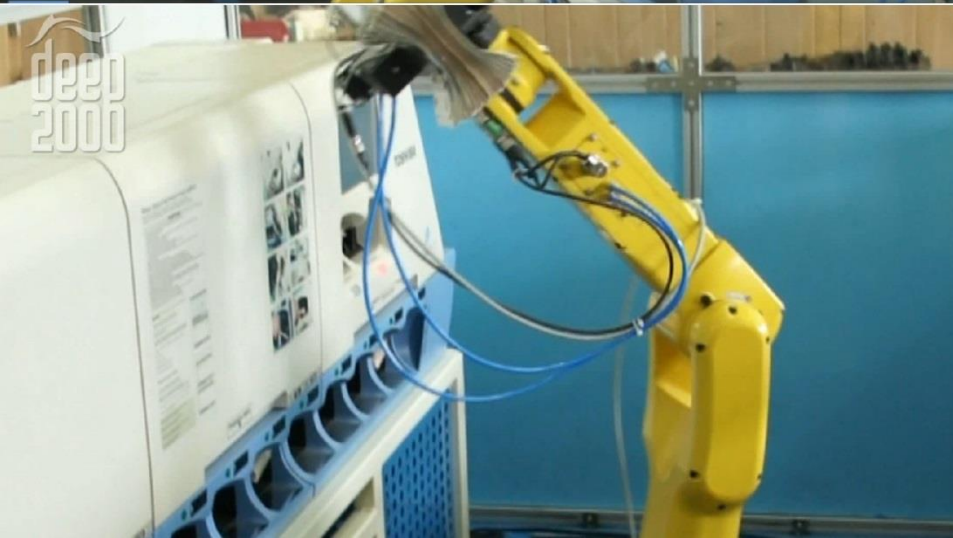


All cash handling

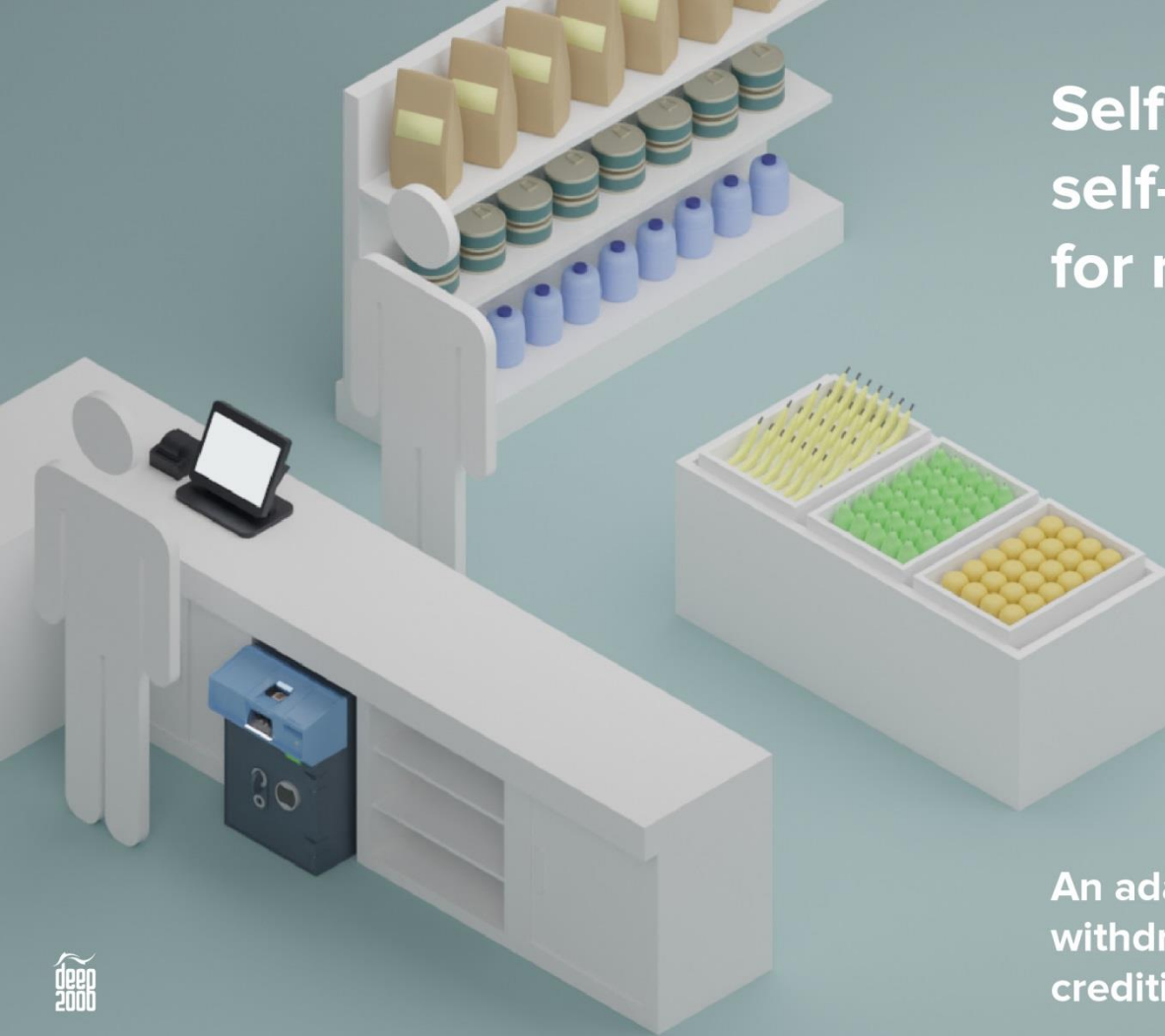
Cash handling robotic  
complex







# Self-service system with self-collection function for retail



An adaptable complex for depositing and  
withdrawal of the cash with its instant  
crediting to the client's current account

## Self-service system with self-collection function for retail

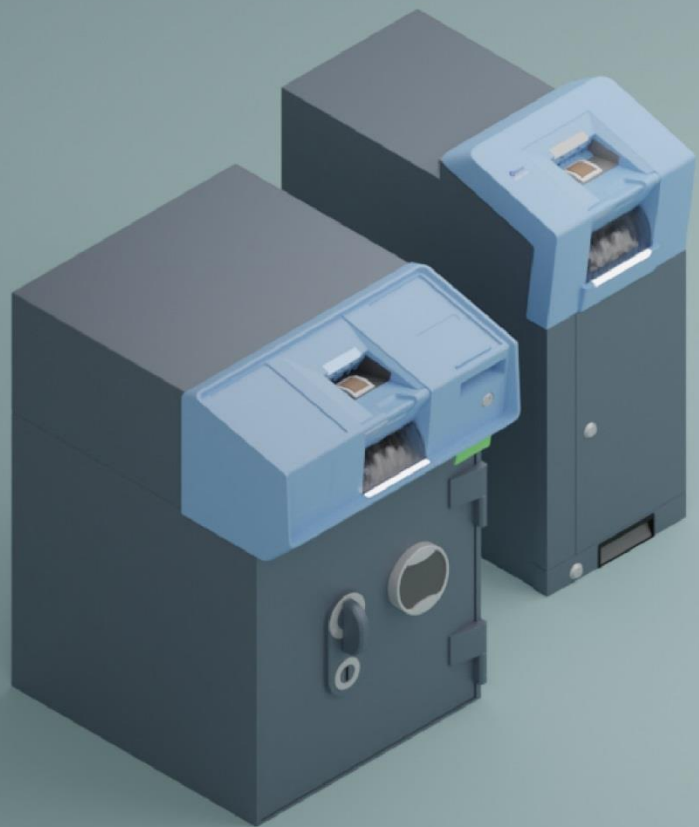
Convenience stores, private business



KDS-100







## KDS 100/KDS 200

- ✓ Fast deposit
- ✓ Detection of authenticity of banknotes
- ✓ Remote financial monitoring
- ✓ Multilevel security system
- ✓ Open areas

High performance and wide possibilities in a versatile format

---

Mini and supermarkets, large private business



KDS-200





Medical  
safety

# Solution for back office

## RCS Active / RCS 700

High-speed banknote and  
coin recycling machine for  
large back office



Withdraw /  
deposit



CIT





Medical  
safety



# Your volumes are our potential

High-performance equipment with Active  
sorting function, improved coin unit, equipped  
with a high-precision detection system

**600**

Banknotes / min.

**16 400**

Total capacity

**2000**

Coins / min

**32 000**

Total capacity



## Coffee-house

- speed of customer service
- optimization of the number of personnel
- increasing the throughput ability of the point

## Filling station

- online monitoring of the monetary processes
- exclusion of the fact of depositing insolvent banknotes and coins
- psychological safety of personnel



# Compact solution with banknote and coin recycling function



## SPS 700/800

**60**

Banknotes / min.

**180**

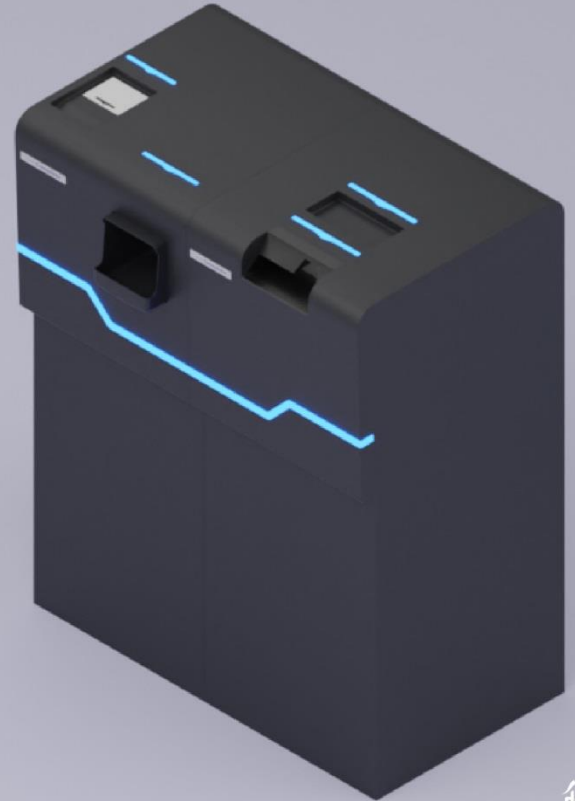
Coins / min.

**60**

Total capacity  
(banknotes)

**180**

Total capacity  
(coins)



# Supermarket

- 70% higher throughput ability
- 30% increase in sales at the checkout
- Lack of inconsistencies during recalculation and reconciliation



# Pharmacy

- fast and safe collection system
- reduction of customer queues
- increase in the volume of operations and in revenue



# Air disinfection system

A scalable solution designed to maintain efficient air disinfection and guarantee the safety of your employees



# Active functionality during the pandemic

**Air disinfection machines remove 99.9% of bacteria, allergens and viruses**

Industrial professional solutions for such spaces as:

- Director's office
- Meeting rooms
- Reception
- Open spaces and cash centers
- from individual to large scale ones







**We accept current challenges and we are engaged in the study,  
implementation and creation of new industry**

**Thank you for your attention!**

