Banking self-service terminals

Since 2010 we have installed 2000 exclusively designed Quantum devices
Industrial robots’ advantages over humans

- Mathematical precision
- Reliability
- Indefatigability
- Long service life
- Uninterrupted work under different conditions
Areas of application

Banking sector solutions
Self-service mini-office

Automated recounting sector

Shaping and processing of objects in space
Mobile topiary complex
MonRo™

Universal software platform MonRo

Industrial robot manipulator

Secure valuables vault

branch transformation
• Dynamic changes in functionality
• Component independence
• High capacity
• Safe valuables storage
• Advanced analytical capabilities
Modifiability and Scalability

Bank teller
Safety vault
Vending services
Post services
Advanced gadget sale
Banking services

Linear branch
Mobile branch
World’s first robotic recounting sector

CashMaster - hardware-software robotic complex, ensuring control of robotic manipulator and banknote sorters and banding machines integration
Recounting sector’s organization

CashMaster replaces the work of several banknote sorters’ operators

Standard recounting sector

Automated recounting sector
CashMaster
Advantages:
• No need to update equipment fleet
• Compact arrangement of the equipment
• High fault tolerance
• Increased recounting sector productivity
• Compatibility with the equipment of different producers
• Reducing costs and risks in banknote processing
High-precision system of orientation in space based on 3D-clouds

High-precision photogrammetric system of orientation in space

Real-time objects shaping and processing technology
How Gardy works

1. Scanning the area
2. Setting marks
3. 3D modeling
4. Superposing 3D model and objects
5. Processing
• Always treats even and punctual
• Easy creates identical structures
• Assigns a form of any complexity

• Tireless
• Works around the clock
• Compatible with any moving platform
• Extension of communication with the Skolkovo innovation centre. Gardy is considered to be a very promising project.

• Work performance in several large nurseries

• In 2017 we plan to attend international exhibitions such as «Garten Stuttgart»

• August 2016 – international gardening expo «Flowers 2016» in Moscow, where we won «Novelty of the Year» competition

• Expanding Gardy’s technologies application areas (construction, agronomical needs, painting)
• October 2015 - first introduced to the Russian audience at the PLUS-Forum

• February 2016 - the largest Russian bank Sberbank presented MonRo at the Corporate Leaders' Forum to 1300 top managers

• February 2016 - introduced to the North American audience at ATMIA 2016, New Orleans

• June 2016 - we participated in the St. Petersburg international economic forum (SPIEF).

• October 2016 – banking and retail exhibition PLUS-Forum

• February 2017 - ATMIA USA’s annual conference and expo, Orlando

• Functioning demo stands in offices in Moscow and Miami

• In 2017 we plan several pilot projects in cooperation with banks and retail sector
- June - August 2016 - a pilot project at Sberbank’s largest Cash Centre.
- December 2016 – start of a replicable production of robotic cells for Sberbank and other leading banks
- Development of demo stands with examples of Sorter Machines from all the major manufacturers. This allows us to illustrate our solution’s universal compatibility.
- Collaboration with other financial organizations – Central Banks, CIT, retail sector
We bring intelligence