



.iQ Family Product

BS2

Penki kontinentai group

ATM.iQ

Business Challenges

If your mission is to:

Determine ROI

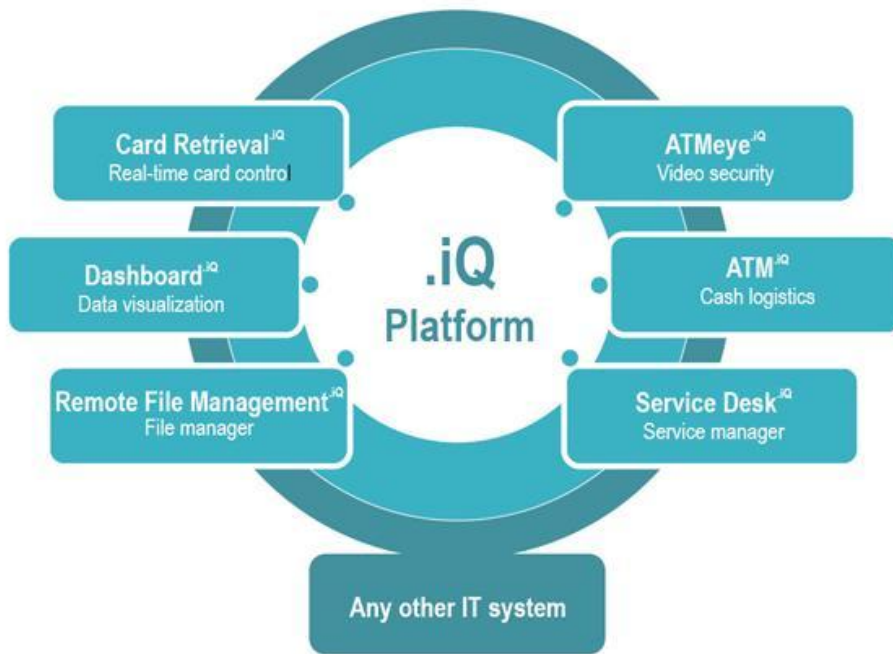
Minimize expenses

Automate and optimize ATMs operations

Reduce and manage business risks

This solution is for You!

BS/2 .iQ Product Family



ATMeye.iQ – an intelligent video monitoring and client conflict settlement solution for self-service equipment networks.

ATM.iQ – a cash logistics and cash flow optimization system in self-service equipment networks.

RFM.iQ – Remote File Management module will allow you to download the Journal files from your device and make updates when needed.

Card Retrieval.iQ - monitoring and handling of retrieved cards by terminal and/or person. Automates the lifecycle of retrieved card with providing supporting documentation.

Service Desk.iQ –management and maintenance solution for complex technical devices and systems.

Dashboard.iQ - analyzing, reporting, monitoring and workflow managing solution.

ATM.iQ Solution

To make you business more effective, adoptable and profitable

ATM.iQ – cash flow optimization system for self-service device network.

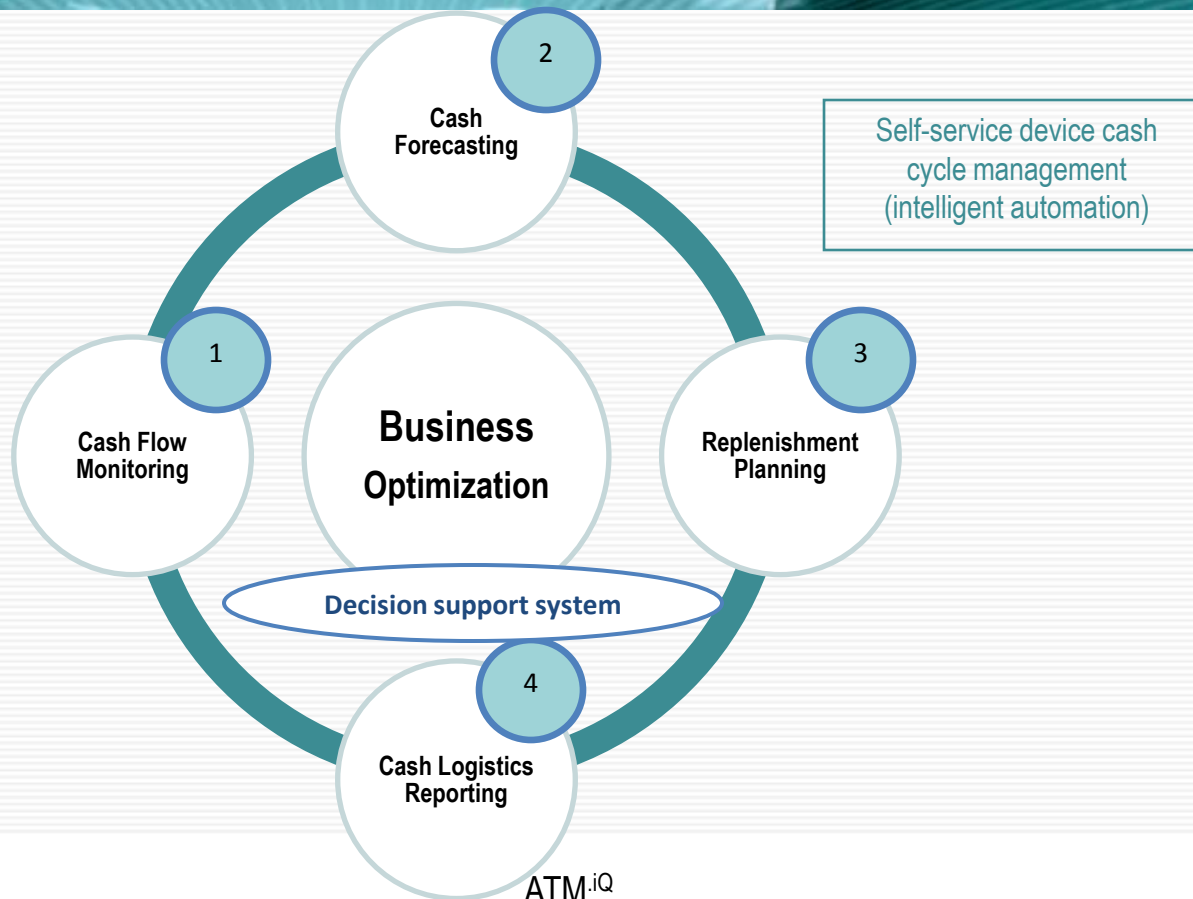
This solution predicts the demand for currency at each self-service device on an individual basis.

This optimization procedure, which determines the lowest cost of cash distribution, based on accurate supply and demand forecasting, provides the opportunity to lower your operational expenses and improve the return on cash assets.

ATM.iQ Business Benefits

- ⚙ Automate and optimize network's daily operations
- ⚙ Maximize customer satisfaction
- ⚙ Increase network availability
- ⚙ Proactive management by analysis and forecasting
- ⚙ Real time view and control of all services
- ⚙ Shorten time to introduce new services to the market
- ⚙ Operation time savings
- ⚙ Minimized risk of the human factor due to automation

Effective Cash Cycle Management And Optimization



ATM Network Cash Logistics Optimization Methodology

Day-to-Day Improvement Actions: big picture “end-to-end” context

Analysis of current processes to identify “leverage points” and “surgical strikes”

**ATM Network Management
Processes Improvement**
*(Based on different variety of process
improvement and analysis
frameworks)*

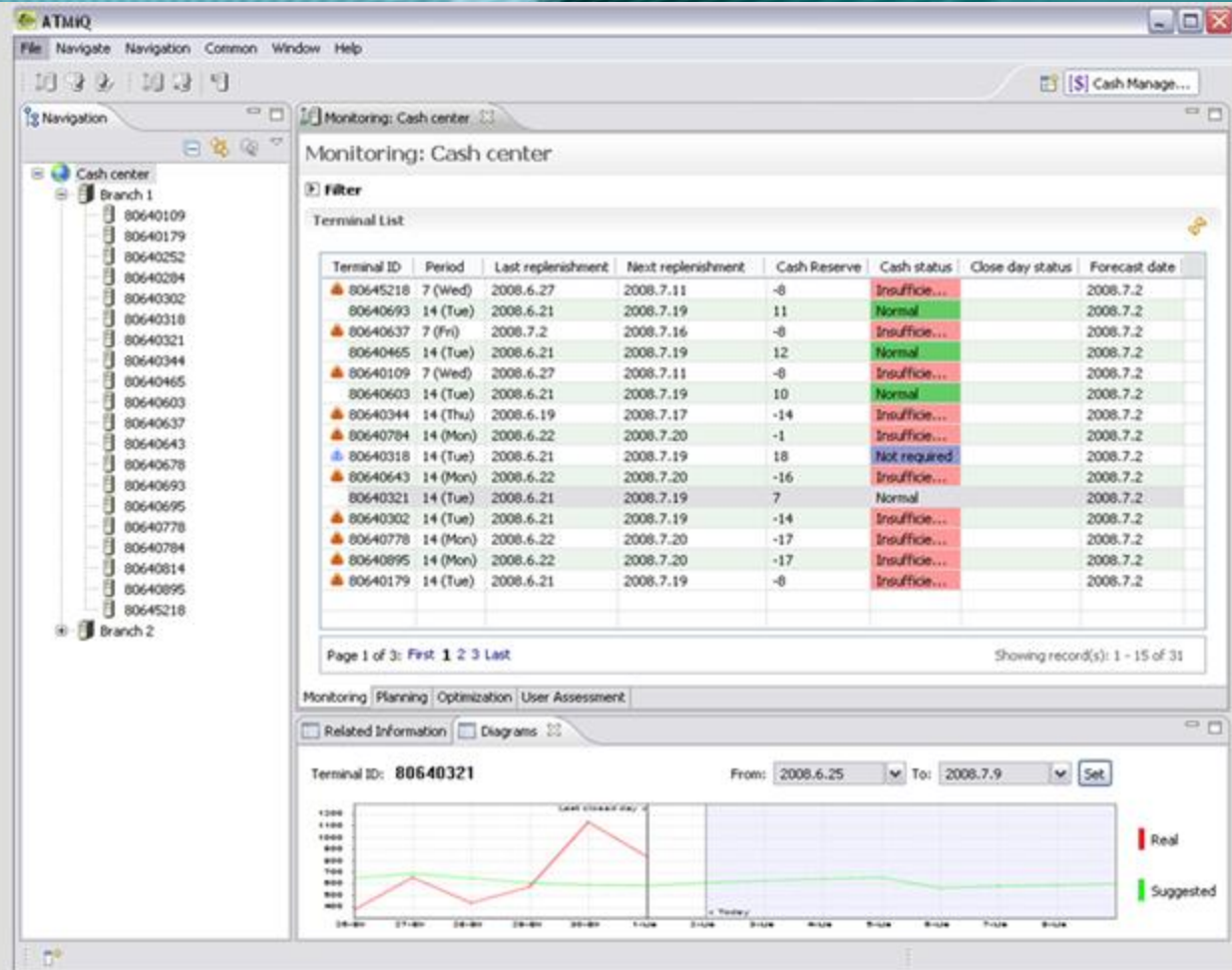
**ATM Network Cash Optimization
Methodologies**
*(Artificial and computational
intelligence)*

ATM.iQ Functionalities

Functionality	Description
<i>Cash Flow Monitoring</i>	View ATM's cash flow within one hour
<i>Cash Status Monitoring</i>	ATM's cash monitoring during cassettes of cash in and / or cash out replenishment
<i>Cash Forecasting</i>	Forecast of cash in, cash out for appointed period of time
<i>Replenishment Planning</i>	Planning when, how much, what currency.
<i>Optimized Replenishment Planning</i>	ATMs replenishment using minimum expenses for ATM support
<i>Cash Logistics Reporting</i>	Generation of reports for every function
<i>User Assessment</i>	
<i>Device Assessment</i>	

User Friendly Interface

Monitoring

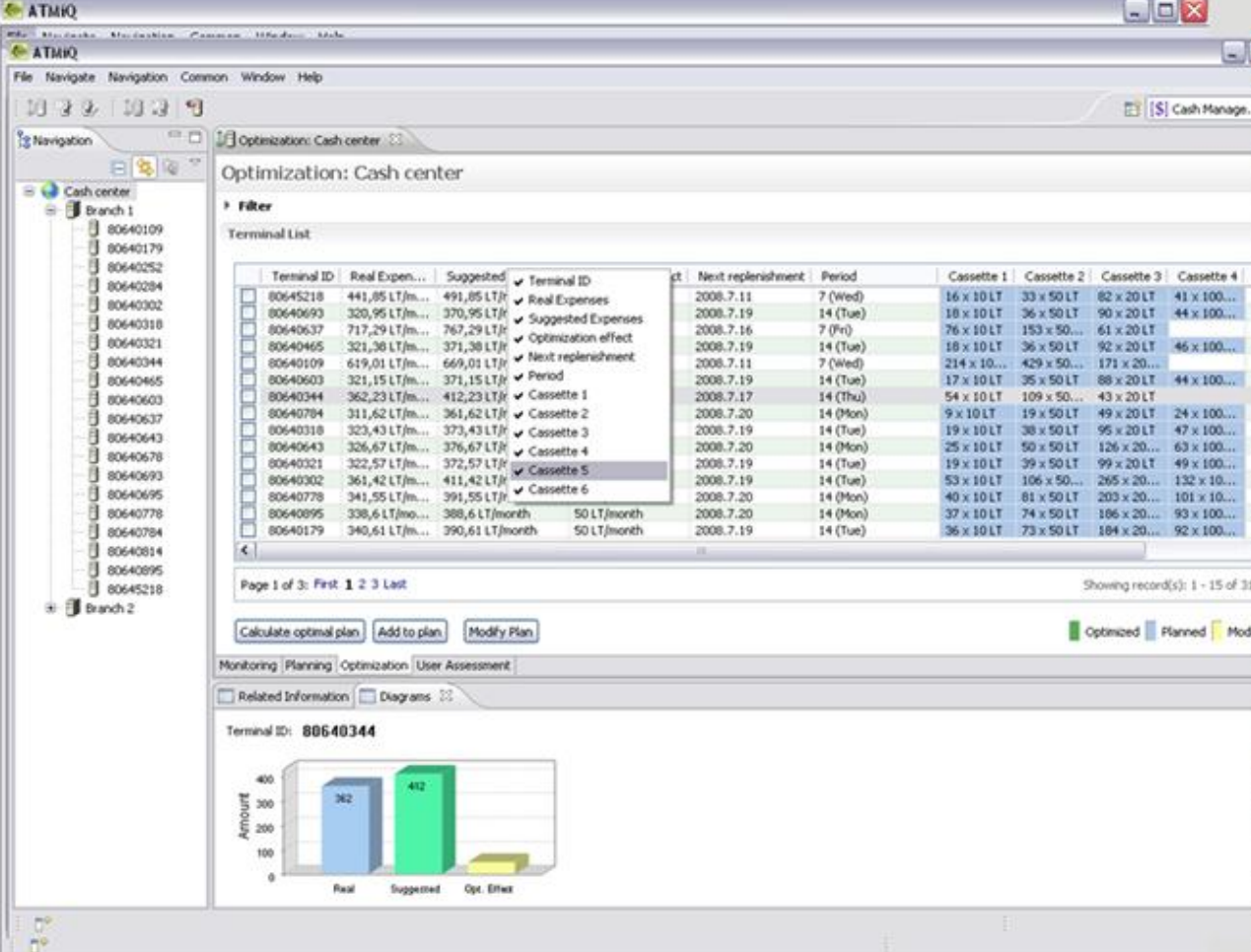


The screenshot displays the 'Monitoring: Cash center' window. On the left, a tree view shows 'Cash center' with two branches, each containing a list of terminal IDs. The main area features a 'Terminal List' table with columns for Terminal ID, Period, Last replenishment, Next replenishment, Cash Reserve, Cash status, Close day status, and Forecast date. Below the table, there are navigation controls and a 'Showing record(s): 1 - 15 of 31' indicator. At the bottom, a 'Related Information' section shows a graph for Terminal ID: 80640321, with a date range from 2008.6.25 to 2008.7.9. The graph plots 'Cash Reserve' over time, distinguishing between 'Real' (red line) and 'Suggested' (green line) values.

Terminal ID	Period	Last replenishment	Next replenishment	Cash Reserve	Cash status	Close day status	Forecast date
80645218	7 (Wed)	2008.6.27	2008.7.11	-8	Insuffice...		2008.7.2
80640693	14 (Tue)	2008.6.21	2008.7.19	11	Normal		2008.7.2
80640637	7 (Fri)	2008.7.2	2008.7.16	-8	Insuffice...		2008.7.2
80640465	14 (Tue)	2008.6.21	2008.7.19	12	Normal		2008.7.2
80640109	7 (Wed)	2008.6.27	2008.7.11	-8	Insuffice...		2008.7.2
80640603	14 (Tue)	2008.6.21	2008.7.19	10	Normal		2008.7.2
80640344	14 (Thu)	2008.6.19	2008.7.17	-14	Insuffice...		2008.7.2
80640784	14 (Mon)	2008.6.22	2008.7.20	-1	Insuffice...		2008.7.2
80640318	14 (Tue)	2008.6.21	2008.7.19	18	Not required		2008.7.2
80640643	14 (Mon)	2008.6.22	2008.7.20	-16	Insuffice...		2008.7.2
80640321	14 (Tue)	2008.6.21	2008.7.19	7	Normal		2008.7.2
80640302	14 (Tue)	2008.6.21	2008.7.19	-14	Insuffice...		2008.7.2
80640778	14 (Mon)	2008.6.22	2008.7.20	-17	Insuffice...		2008.7.2
80640895	14 (Mon)	2008.6.22	2008.7.20	-17	Insuffice...		2008.7.2
80640179	14 (Tue)	2008.6.21	2008.7.19	-8	Insuffice...		2008.7.2

User Friendly Interface

Optimization



Optimization: Cash center

Filter

Terminal List

Terminal ID	Real Expen...	Suggested	Terminal ID	Next replenishment	Period	Cassette 1	Cassette 2	Cassette 3	Cassette 4
00645218	441,95 LT/m...	491,95 LT/m...	00645218	2008.7.11	7 (Wed)	16 x 10 LT	33 x 50 LT	82 x 20 LT	41 x 100...
00640693	320,95 LT/m...	370,95 LT/m...	00640693	2008.7.19	14 (Tue)	18 x 10 LT	36 x 50 LT	90 x 20 LT	44 x 100...
00640637	717,29 LT/m...	767,29 LT/m...	00640637	2008.7.16	7 (Fri)	76 x 10 LT	153 x 50...	61 x 20 LT	44 x 100...
00640465	321,30 LT/m...	371,30 LT/m...	00640465	2008.7.19	14 (Tue)	18 x 10 LT	36 x 50 LT	92 x 20 LT	46 x 100...
00640109	619,01 LT/m...	669,01 LT/m...	00640109	2008.7.11	7 (Wed)	214 x 10...	429 x 50...	171 x 20...	46 x 100...
00640603	321,15 LT/m...	371,15 LT/m...	00640603	2008.7.19	14 (Tue)	17 x 10 LT	35 x 50 LT	88 x 20 LT	44 x 100...
00640344	362,23 LT/m...	412,23 LT/m...	00640344	2008.7.17	14 (Thu)	54 x 10 LT	109 x 50...	43 x 20 LT	44 x 100...
00640784	311,62 LT/m...	361,62 LT/m...	00640784	2008.7.20	14 (Mon)	9 x 10 LT	19 x 50 LT	49 x 20 LT	24 x 100...
00640318	323,43 LT/m...	373,43 LT/m...	00640318	2008.7.19	14 (Tue)	19 x 10 LT	38 x 50 LT	95 x 20 LT	47 x 100...
00640643	326,67 LT/m...	376,67 LT/m...	00640643	2008.7.20	14 (Mon)	25 x 10 LT	50 x 50 LT	126 x 20...	63 x 100...
00640321	322,57 LT/m...	372,57 LT/m...	00640321	2008.7.19	14 (Tue)	19 x 10 LT	39 x 50 LT	99 x 20 LT	49 x 100...
00640302	361,42 LT/m...	411,42 LT/m...	00640302	2008.7.19	14 (Tue)	53 x 10 LT	106 x 50...	265 x 20...	132 x 10...
00640778	341,55 LT/m...	391,55 LT/m...	00640778	2008.7.20	14 (Mon)	40 x 10 LT	81 x 50 LT	203 x 20...	101 x 10...
00640895	338,6 LT/mo...	388,6 LT/month	00640895	2008.7.20	14 (Mon)	37 x 10 LT	74 x 50 LT	186 x 20...	93 x 100...
00640179	340,61 LT/m...	390,61 LT/month	00640179	2008.7.19	14 (Tue)	36 x 10 LT	73 x 50 LT	184 x 20...	92 x 100...

Page 1 of 3: First 1 2 3 Last

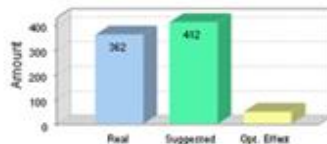
Showing record(s): 1 - 15 of 31

Calculate optimal plan Add to plan Modify Plan

Monitoring Planning Optimization User Assessment

Related Information Diagrams

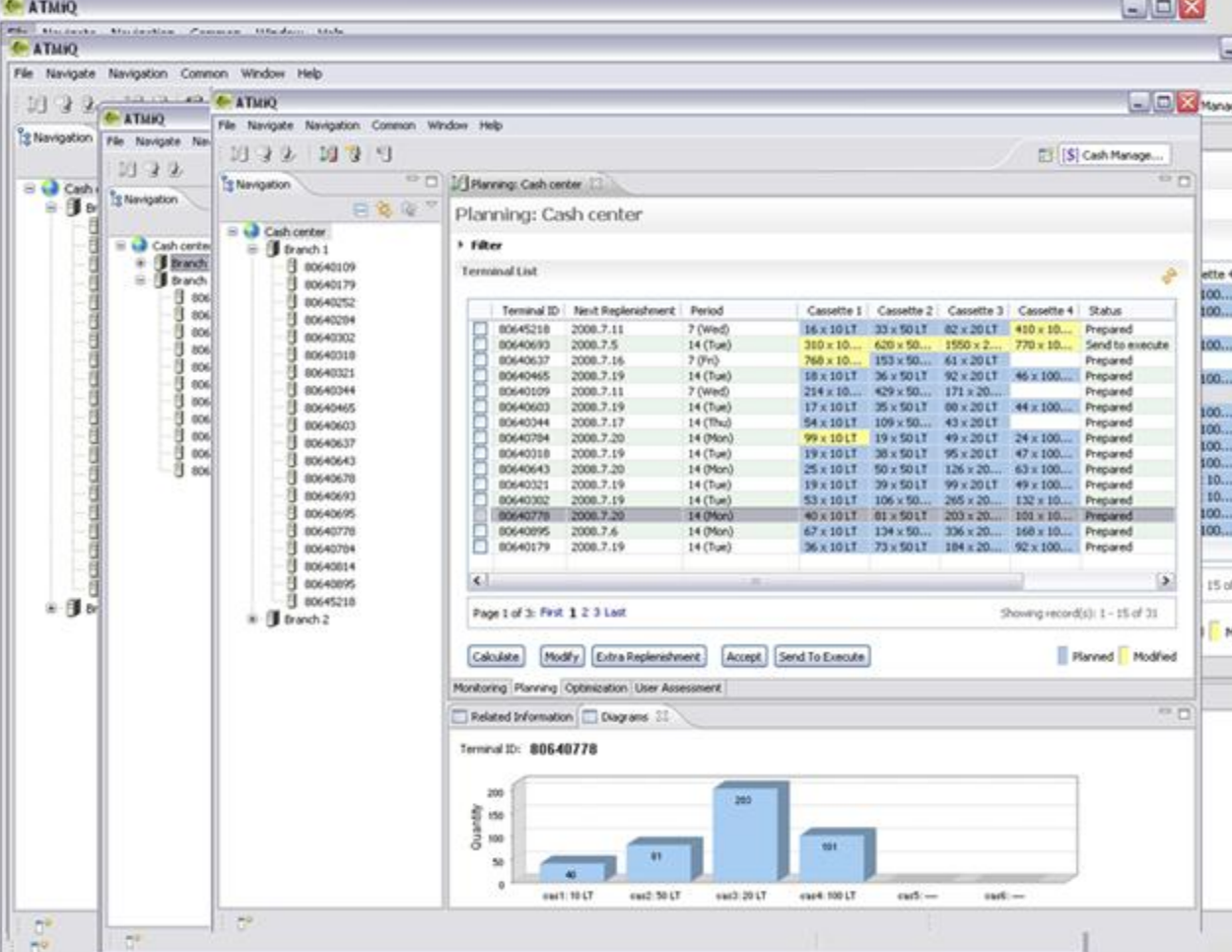
Terminal ID: 80640344



Category	Amount
Real	362
Suggested	412
Opt. Effect	50

User Friendly Interface

Cash center Planning



The screenshot displays the 'ATM.iQ' software interface for 'Planning: Cash center'. The interface is divided into several sections:

- Navigation Tree (Left):** Shows a hierarchy of 'Cash center' and 'Branch' nodes with terminal IDs listed under each branch.
- Main Data Table:** A table titled 'Terminal List' showing replenishment details for various terminals. The table includes columns for Terminal ID, Next Replenishment, Period, and four cassette types (Cassette 1 to Cassette 4), along with their status.
- Terminal 80640778 Detail:** A bar chart showing the quantity of different cassette types for terminal 80640778.

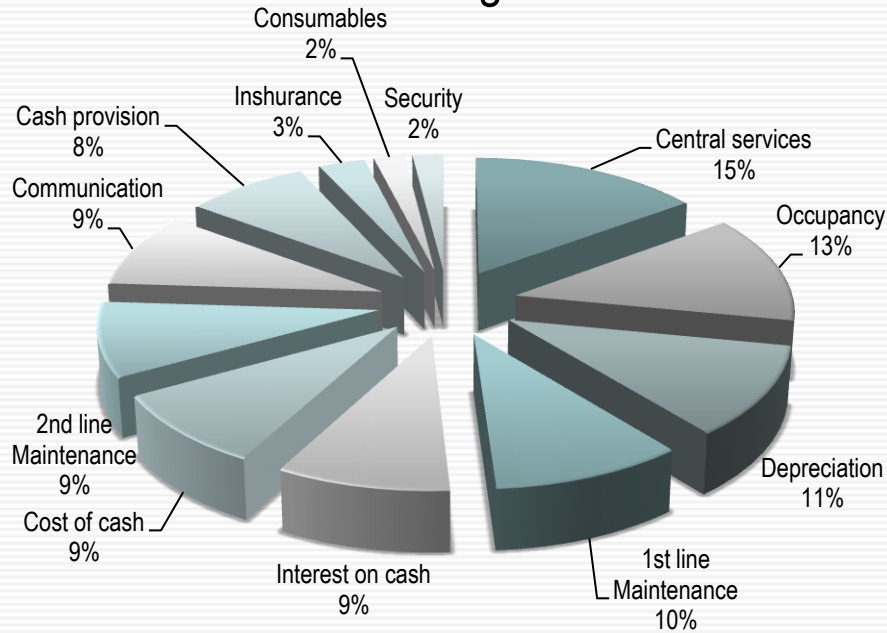
Terminal ID	Next Replenishment	Period	Cassette 1	Cassette 2	Cassette 3	Cassette 4	Status
80645218	2008.7.11	7 (Wed)	16 x 10 LT	33 x 50 LT	82 x 20 LT	410 x 10...	Prepared
80640693	2008.7.5	14 (Tue)	310 x 10...	620 x 50...	1550 x 2...	770 x 10...	Send to execute
80640637	2008.7.16	7 (Fri)	760 x 10...	153 x 50...	61 x 20 LT		Prepared
80640465	2008.7.19	14 (Tue)	18 x 10 LT	36 x 50 LT	92 x 20 LT	46 x 100...	Prepared
80640109	2008.7.11	7 (Wed)	214 x 10...	429 x 50...	171 x 20...		Prepared
80640603	2008.7.19	14 (Tue)	17 x 10 LT	35 x 50 LT	80 x 20 LT	44 x 100...	Prepared
80640344	2008.7.17	14 (Thu)	54 x 10 LT	109 x 50...	43 x 20 LT		Prepared
80640784	2008.7.20	14 (Mon)	99 x 10 LT	19 x 50 LT	49 x 20 LT	24 x 100...	Prepared
80640318	2008.7.19	14 (Tue)	19 x 10 LT	38 x 50 LT	95 x 20 LT	47 x 100...	Prepared
80640643	2008.7.20	14 (Mon)	25 x 10 LT	50 x 50 LT	126 x 20...	63 x 100...	Prepared
80640321	2008.7.19	14 (Tue)	19 x 10 LT	39 x 50 LT	99 x 20 LT	49 x 100...	Prepared
80640302	2008.7.19	14 (Tue)	53 x 10 LT	106 x 50...	265 x 20...	132 x 10...	Prepared
80640778	2008.7.20	14 (Mon)	40 x 10 LT	81 x 50 LT	203 x 20...	101 x 10...	Prepared
80640995	2008.7.6	14 (Mon)	67 x 10 LT	134 x 50...	336 x 20...	168 x 10...	Prepared
80640179	2008.7.19	14 (Tue)	36 x 10 LT	73 x 50 LT	184 x 20...	92 x 100...	Prepared

Terminal ID: 80640778

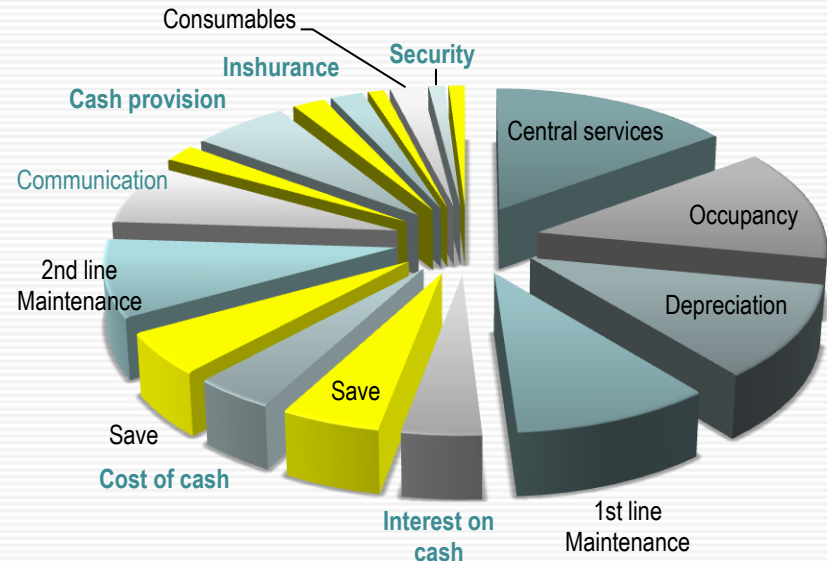
Cassette Type	Quantity
cas1 10 LT	40
cas2 50 LT	81
cas3 20 LT	203
cas4 100 LT	101
cas5 --	0
cas6 --	0

Expected TCO Reduction

ATMs network management costs



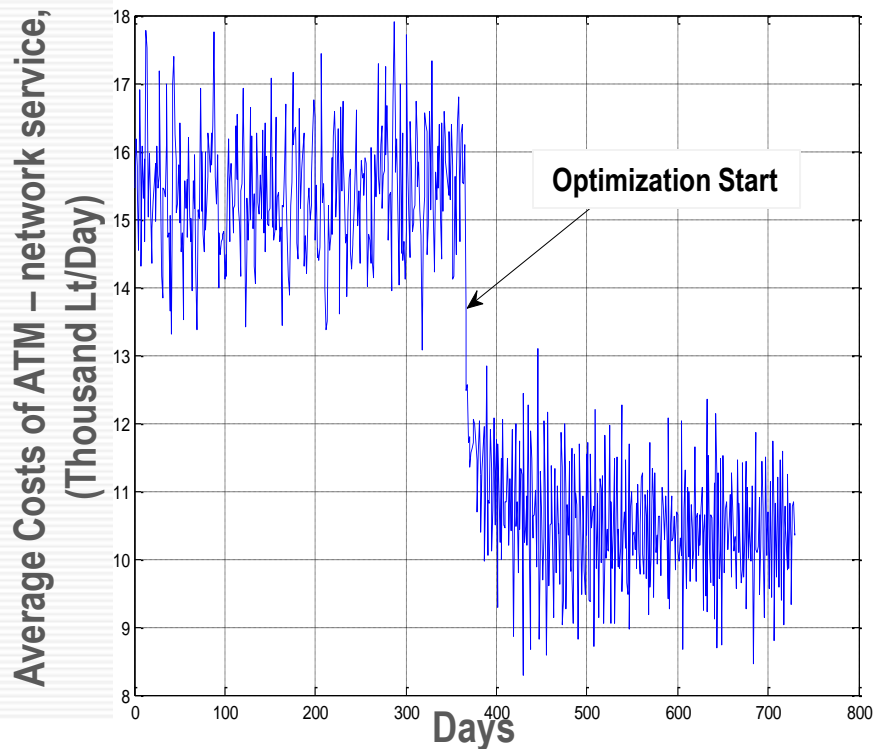
Cost reduction with ATM.iQ



 - possible expenditure savings

Does it work?

Efficiency of the cash optimization procedure

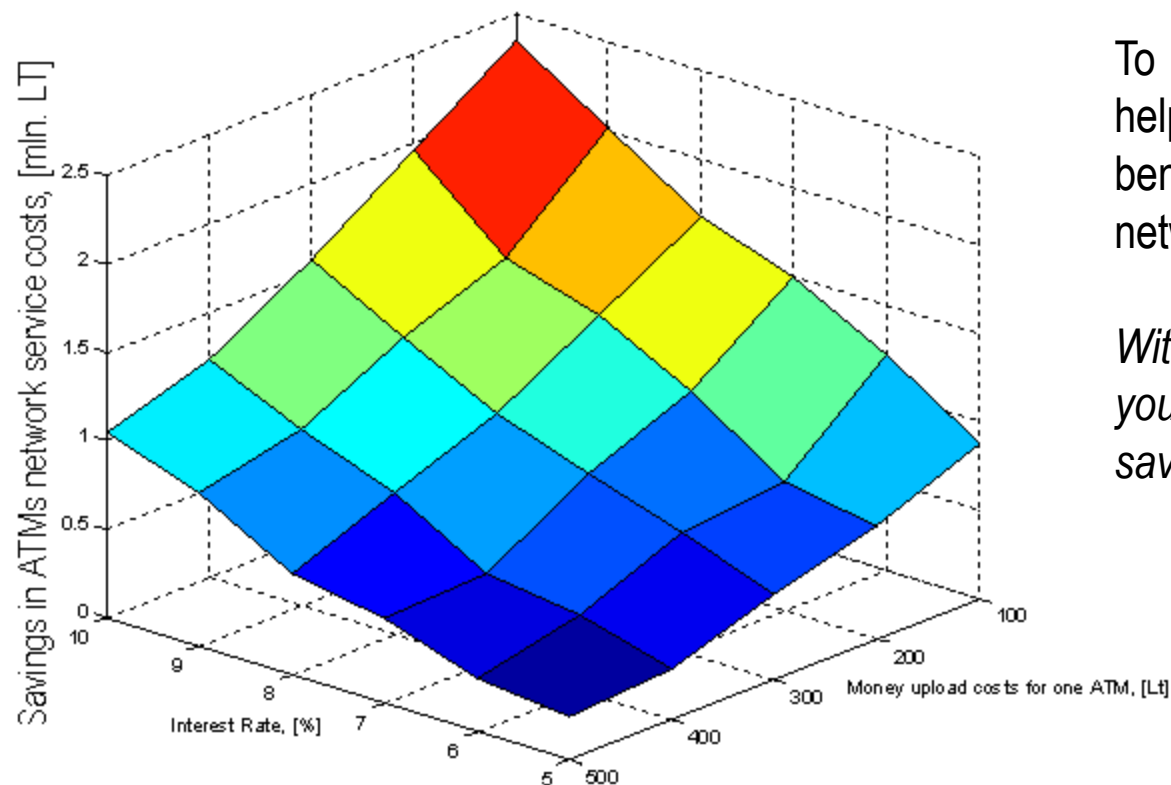


Our simulation results showed that ATM.iQ allows keeping the average daily cash demands' forecasting error under 10%.

Our practice shows that...

The optimization procedure allows to decrease daily costs for ATMs network maintenance approximately **18% - 25%** based on present cost and expected cost optimization.

Cash Optimization Under Different Conditions

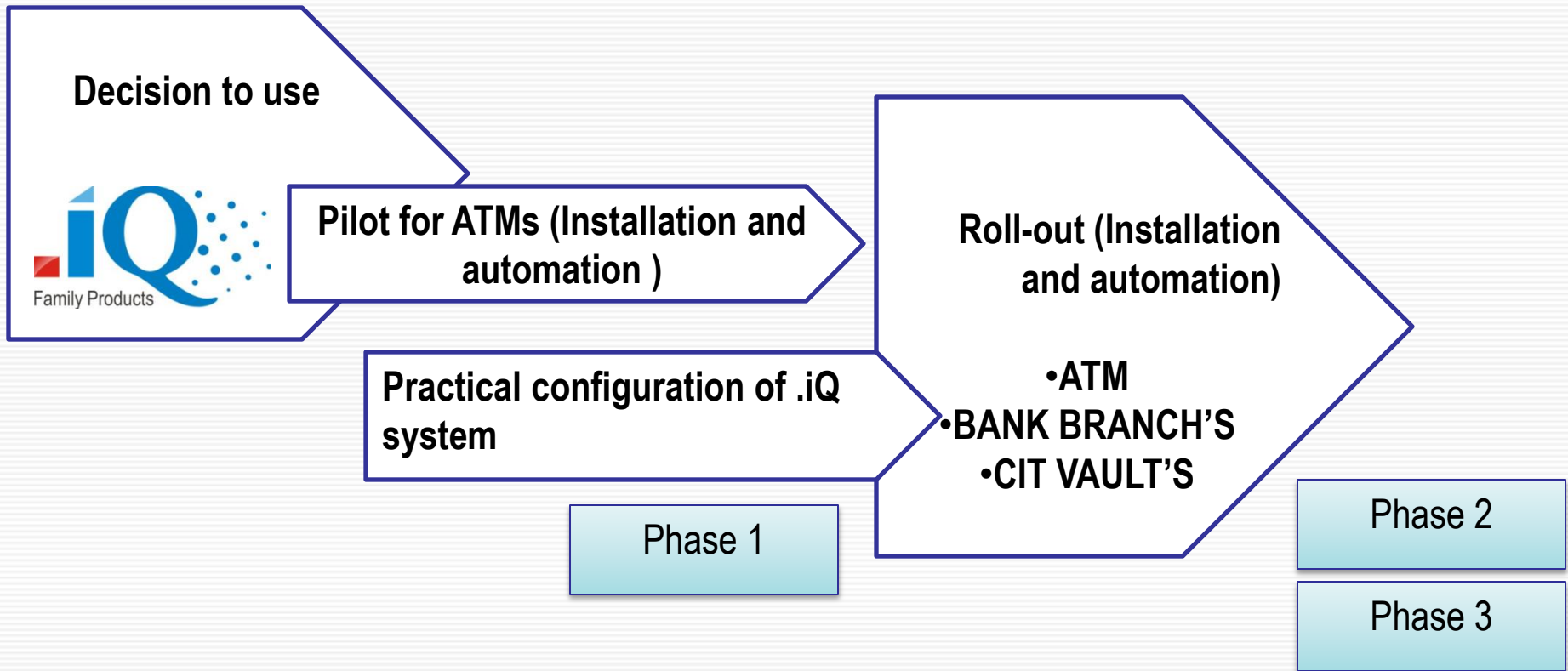


To identify your profit improvement and to help you to decide if ATM.iQ solution will benefit you - we can simulate your ATMs network management process.

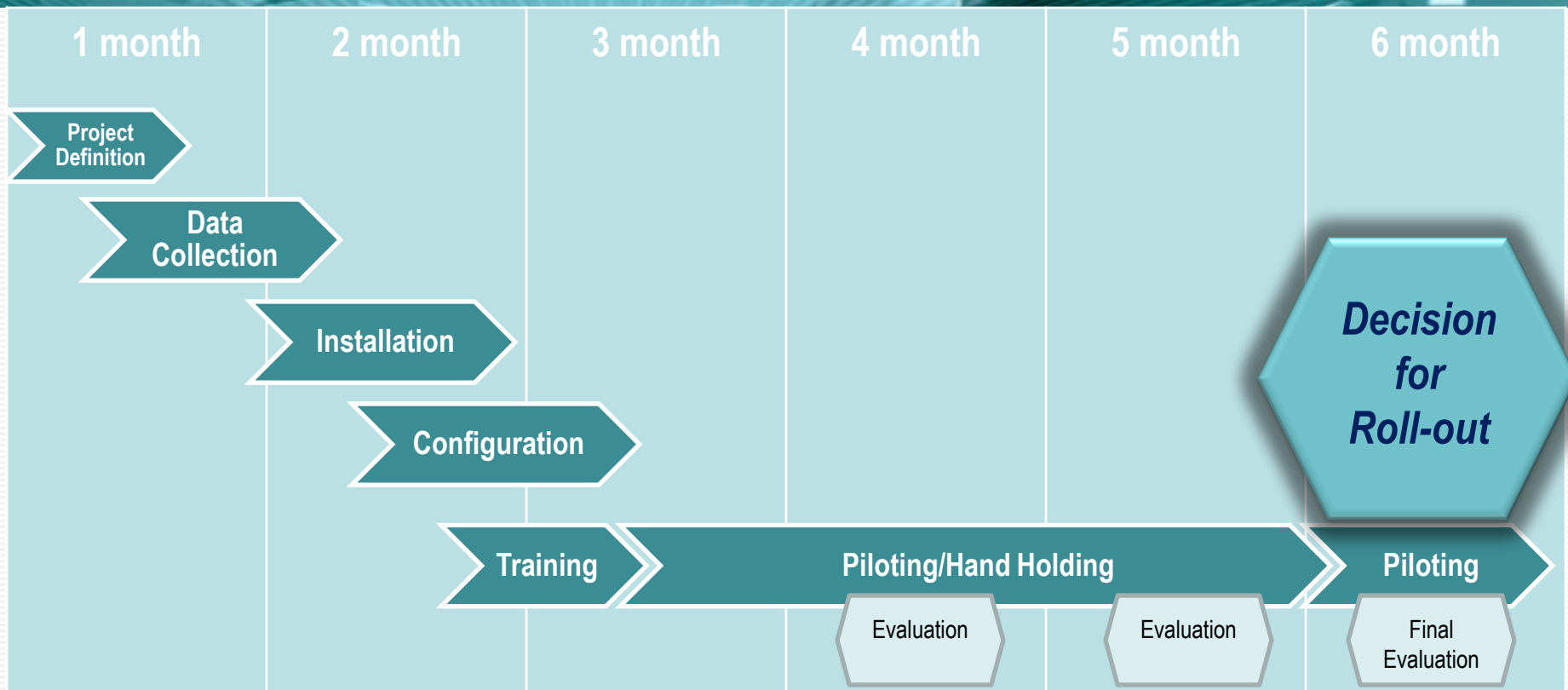
With an artificial neural network (ANN) you will be able to see your ATM annual savings under different conditions.

- -result under the most favorable conditions
- -result under the most unfavorable conditions

The Way Forward



Pilot Project



Key Facts About BS/2



BS/2 – business process outsourcing company. We specialize in banking software development, system integrations and professional services. Over 14 years of experience and sales in more than 65 countries around the globe proves our reliability and professional experience in banking technology business.

Head office: Lithuania

Subsidiaries: Latvia, Estonia, Russia, Belarus, Georgia, Azerbaijan, Kazakhstan, Uzbekistan, Ukraine and USA.

What We Do?



Business process outsourcing

- Transaction device hardware sales
- Innovative software development and integration
- Banking software sales
- Software support
- Hardware maintenance
- Spare parts distribution
- Monitoring
- Consultation
- Trainings

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BULL



Thank you!

Please visit www.atmiq.com

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