Facility access in a YOUNiQ way
Agenda

- Identification history
- Precise Biometrics
- YOUNiQ Access presentation
- Q&A
Identification history

100,000 years ago

- Jewelry
- Written Census
- Photo
- Finger Print
- ATM 2FA
- Palm Print Database

2000 BC
- Tattoo

1414
- Passport

1849
- Personal Number

1936
- Social Security Number Card

1980
- Smart ID

2001
- Face
Precise at a glance

1997
Company founded

50
Employees

2
Business areas

~500 MSEK
Market cap

Shanghai
Asia

Lund
Europe

Potsdam
US

Digital Identity

Algo (Mobile & SC)
Precise identification history

1997

Precise Bioaccess

2012

Tactivo

2017

Precise BioMatch™ Cards

2019

Future

2010

Precise Match on-card

2014

Precise BioMatch™ Mobile

YOUNIQ™
YOU are the key

- Convenience and security
- Always available for you
- Owned by you
- Controlled by you
- Only available for applications approved by you
Traditional access challenges

- Gatekeeping
- Security
- Identifying
- Administration
- Lost key
- Temporary usage
Today’s digital identity – of whom?
You or the card?

YOUNiQ digitally identifies You!

Gatekeeping & Security
Seamless entry
Identification
Administration
Lost keys
Distribution
Easy, fast & secure
YOUNiQ digitally identifies YOU

Gatekeeping & Security
Seamless entry
Identification
Administration
Lost keys
Distribution
“It’s about real customer needs, solving problems in today’s digital life”

“Why make it complicated when you can make it simple”
YOUNiQ Access
How it works

1. Registration link emailed to the new user
2. Remote registration with selfie taken and sent to database
3. Image taken while approaching entrance and verified with stored selfie
4. If image matches the stored selfie, the user is granted immediate access to the facility.
How YOUNiQ Access works

1. An administrator invites new users. An email is sent to the user.

2. The new user registers using the link provided in the email.

3. The new user is synchronized to the on-premise server. A biometric template is generated.

4. The user is identified when approaching the door.

5. The door is opened by a web relay/access system integration.
How facial identification works

Collecting and pinpointing the biometrics from registered image

The digital template of the face

Match digital template with face
Handling of private data

**Email Invite - registration**
- Name
- Email
- Selfie
- Evidence of consent
- IDnr.

**Facility Access**
As long as user should have Access to Facility
- Name
- Email
- Selfie
- Evidence of consent
- IDnr.
- Activity log

**Data Storage**
Data left after removal of user:
Removed 28 days after user access is removed or immediately if removed manually
- Name
- Email
- Selfie
- Evidence of consent
- IDnr.
- Activity log

Image from registration selfie used briefly to create template. Thereafter the image is immediately discarded from local client. Only template stored.

Image from door camera used briefly to create template and match against the registered templates stored in the server. Thereafter the image is immediately discarded from local client. Only template stored.
## Manage Visitor Users

### Add Visitor User(s)

<table>
<thead>
<tr>
<th>Name of User</th>
<th>Creation Date</th>
<th>Status</th>
<th>View More</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="mailto:Kalle@anka.ru">Kalle@anka.ru</a></td>
<td>-</td>
<td>Pending</td>
<td></td>
</tr>
<tr>
<td><a href="mailto:sarandismaria@gmail.com">sarandismaria@gmail.com</a></td>
<td>-</td>
<td>Inactive link</td>
<td></td>
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<td>Pending</td>
<td></td>
</tr>
<tr>
<td>Stefan Johansson</td>
<td>2020-10-27</td>
<td>Enrolled</td>
<td></td>
</tr>
</tbody>
</table>

**Sorting Options:** Alphabetical A - Z
**YOUNiQ Integration with Access Systems**

**Example RCO M5**

**YOUnIQ**
- Imports users from RCO M5
- Keeps users in synch with RCO M5 user database
- Invites users to edit/write email if missing

**RCO-M5**
- Handles the User Life Cycle (create, edit and delete)
- Integration package available by RCO:
  - [teknik@rco.se](mailto:teknik@rco.se)
  - Artikelnr: 11021060
  - "M5 Access fysisk dörr" + M5 User API + M5 software update to latest
YOUNiQ Access – customer installations
## YOUNiQ HW Recommendations

<table>
<thead>
<tr>
<th>HW Item</th>
<th>Supplier</th>
<th>Specification</th>
</tr>
</thead>
</table>
| Data Server   | Hatteland       | GPU: GPU: RTX-2060-6G (6GB Cuda 10.1+ support)  
                | CPU: Intel i5  
                | Memory: 8GB  
                | HDD: 128GB  
                | Operating System: Ubuntu 18.04 LTS   |
| Camera        | Hanwha AXIS     | Wisenet XND-6080R/XND-6080RV/XND-8030/QND-6032  
                | Axis P3245  
                | 2MPixel (1920x1080p)  
                | 25fps  
                | FOV ~30° - 50°  
                | Note! Fisheye cameras do not work proper due to Liveness Detection Algorithm   |
| Web Server Switch | ControlByWeb | X-WR-1R12-11-E  
                | [Note! Only needed in case system NOT integrated to an existing Access System]   |
| PoE Switch    | Dahua/D-Link    | PFS3106-4P-60/DGS-1008p or similar  

Thank you!

YOU are the key

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