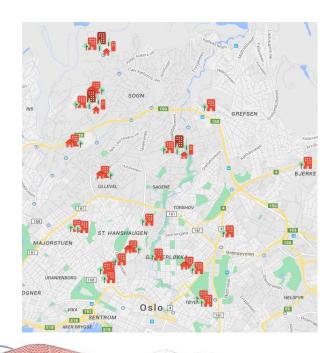




Studentsamskipnaden i Oslo – SIO

- A Student Welfare Organization in Oslo and Akershus
- Services nearly 70k students in 25 educational institutions
- 8 900 student properties
 - including kindergartens, sports centers and service centers
- Non profit organization; surplus returned to students
 - Funded by student fees, governmental educational premises
- Yearly revenue: 1,1 Billion NOK





SiO Goal – security, convenience, efficiency

SiO needs

- Access control to multiple properties centrally
- Easy access for students
- Daily access for staff across all properties
- Restricted access in certain areas
- Timely cancelation, emergency issuance of keys
- Efficient administration at semester start

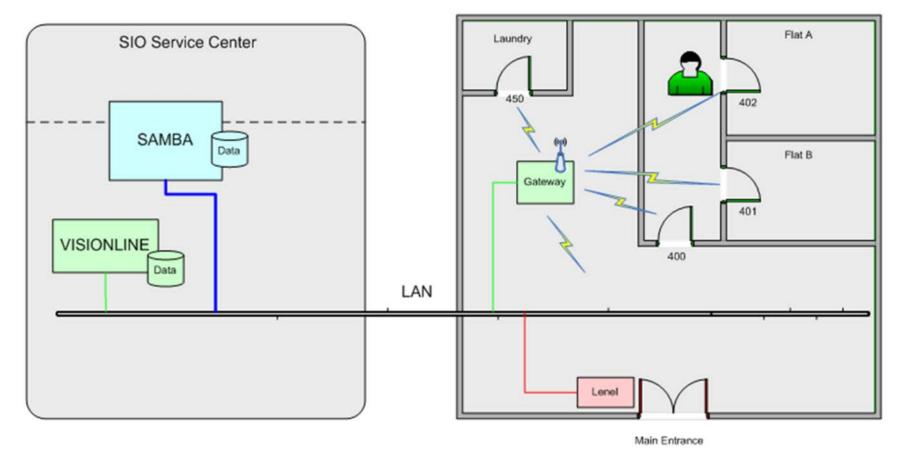




ASSA ABLOY Hospitality Solution

- RFID online locks on student doors
- Remote controllers on common doors
- Access control software Visionline
- Integration with student admin system (SAMBA)
- Project management, installation, training, service and support

The solution



- Student cards issued through the Student administration system;
 SAMBA
- Student card gets encoded at first VingCard reader (all online), giving access to common doors and student doors

Benefits

Safety and security

- Full control over access to all facilities
- Audit trail and security alerts

Hassle free registration and move in

- Access is assigned in student management system
- Card is programmed at the 1st door reader write back

Efficient operation

- Timely and remote cancellation of cards
- Cost efficient emergency key issuance
- Move resident to a different location with same card
- Work order based access for staff Auto Updater

Customer feedback

Moving forward we would like AAH to take on even more responsibility and to be a total solution provider of access control systems to our properties. We do have many types of doors that needs to be secured and administrated, and it would be an advantage to us if we could have AAH solutions both on external and internal doors

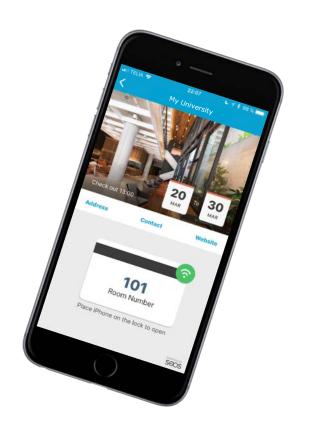
Ole Tidemann Røine
Project and maintenance manager
Property managemt department, SiO





Mobile Access Solution

- Secure cloud service (SEOS)
- Can be integrated with student management system
- Mobile app
- Off-line interaction with lock
- Unlock using Bluetooth
- NFC compatible

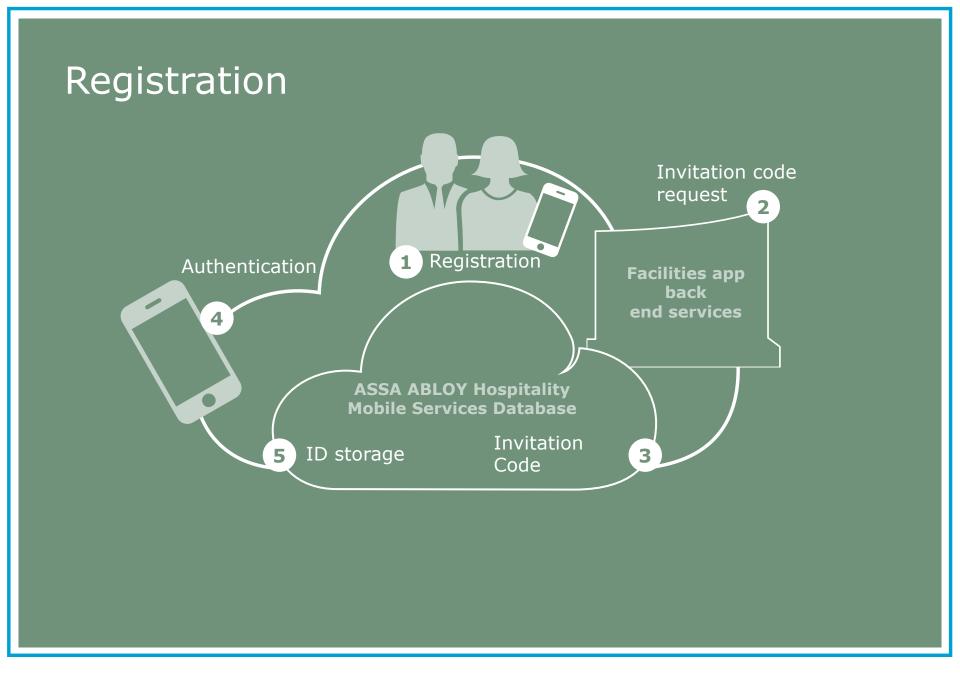


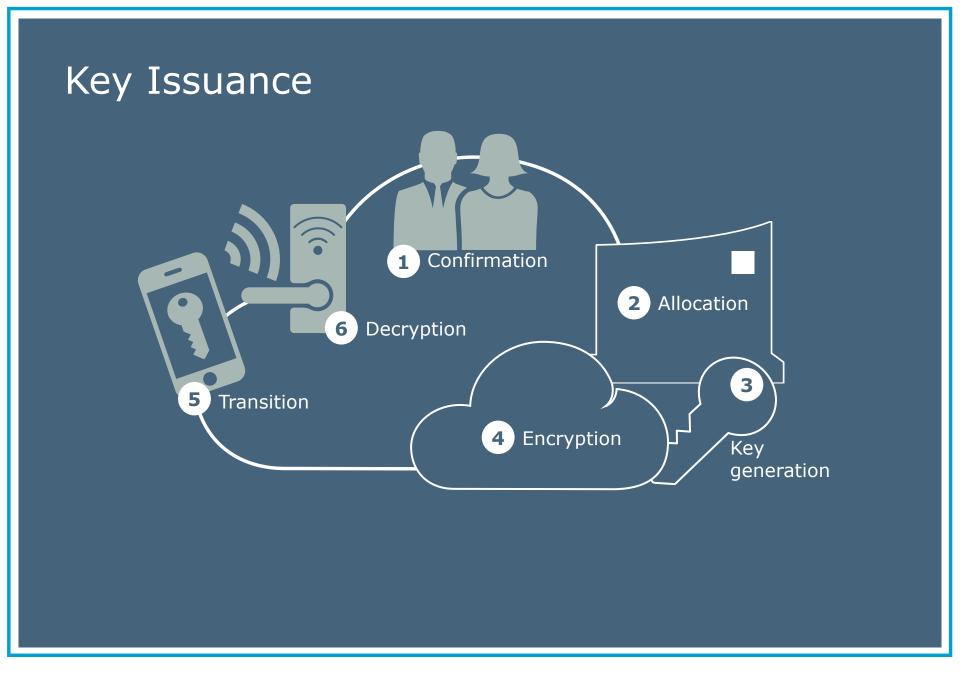












Mobile Access

Student benefits

- Unique user experience
- Key always at hand
- Ease access direct to room
- No lost keys or keycards, no lockouts
- Secure, convenient and time-saving





Operator benefits

- Seamless administration and first access
- No keys and cards needed, no emergency assist
- Timely key cancelation even for off-line locks
- Preventing sub-letting
- No local software installation, less support
- Seamless and smooth upgrade

