

■ ■ ■ ■ Security at XXXX in and around Avaloq



Gianmaria Garatti
GM2S GmbH

GM2S

Agenda: day 1 and 2



1. Architecture around Avaloq

- An overview about the most important third party systems around Avaloq, including hardware, software, interfaces
- A detailed explanation about environments like PRD, ACC, etc
- A detailed explanation of the Avaloq architecture



Agenda: day 1 and 2



2. Refresh on general Avaloq concepts

- You get a refresh on the most important Avaloq concepts, which are required in the next chapters
 - What are exactly Meta types?
 - What are the Avaloq objects like BP, etc.?
 - What are workflows, context actions, etc.?
 - Which are the most important source types within Avaloq script language?
 - What is exactly Central Services?



Agenda: day 1 and 2



3. General Avaloq security

- An overview on the most important security concepts of Avaloq
 - What is MESI exactly?
 - What are access codes?
 - What are general access rights?



Agenda: day 1 and 2



4. Oracle security

- An overview of the important security relevant concepts
 - Installation
 - Users, authentication and passwords
 - Database links
 - Oracle security features

5. The XXXX security requirements for Avaloq

- A complete overview on all binding security requirements and how these are applied as well on other systems



Agenda: day 1 and 2



6. The XXXX security concept for Avaloq

- A summary of a 2 years project, showing the most important security concepts/configuration of XXXXX Avaloq
 - MESI configuration
 - Roles
 - Profiles
 - Special users
 - Functional packages
 - Power profiles
 - Security management



Agenda: day 1 and 2



7. Export to Excel

- An overview about one of the hottest subjects within the Avaloq world
 - How does it work
 - Which are the security rules behind export to Excel?
 - Export any vs. Export of a single report

8. SecurEasy

- Just a short introduction to SecurEasy



Agenda: day 1 and 2



9. XXXX current security issues within Avaloq

- Just an overview on the current security issues regarding Avaloq
 - The CONT of YY and ZZ
 - The «credit» ASSET
 - Miscellaneous



Agenda: day 3



10. Behind the scene

- Columns naming convention
- SecurEasy, interactive workshop
- The Oracle tables and how to query it



Goal of this training



- Overview on the Avaloq (security) architecture
- You learn the security requirements
- You know roles, profiles and similars
- You know the Oracle security features
- You know everything around «Export to Excel»
- You get a first approach to SecurEasy
- You get a first approach to the Oracle tables/views

Who am I?



- 1988-1994
 - Computer science at the ETH (Zürich)

- 1994-2000
 - LHS Group
 - BSCS billing system based on Oracle
 - Database team leader
 - Responsible for all performance related issues like migrations, architecture designs, etc.

- 2001-2008
 - Trivadis AG
 - Leading consulting company in CH,D and AT
 - Senior consultant
 - Application performance management, performance tuning, developments, architect, trainer, etc.

Who am I?



- 2008-now
 - GM2S GmbH 
 - Own company
 - Senior principal consultant at FI-Solutions / Dispena solutions
Owned by FORS, largest Oracle partner in Russia
 - Expert areas:
Oracle, performance, architecture, information security, development,
project management, Splunk, EVAM, etc.

- For any question, etc. just get in touch with me
 - gianmaria.garatti@gm2s.com