Achieving usable security in a project driven industry

(Keynote Summary)

Jan Luehr
anderScore GmbH
50667 Kologne, Germany
jan.luehr@anderscore.com

Abstract—This keynote presentation will highlight the challenges of usable security in industrial context. It will discuss common problems faced and efficient solutions, exemplified from the perspective of anderScore. The speaker has more than 10 years of working experience in the field and has been involved in various projects in a vast number of business areas, such as finance, insurance, health, telecommunication and more. The talk will detail how anderScore is able to achieve the goals of usable security in real-life projects.

I. TALK DETAILS

Although the first signs of understanding the usable security appeared back in 1999 within the scientific community, it failed to provide solid results for productive use, sticking to analytical aspects of a mostly descriptive nature. For applying these results to real-life projects it is necessary to transform them to engineering best practices. Among other things this means involving all project stakeholders as well as overcoming classical corporate distribution of roles and work assignments.

Most of anderScores customers place a high value on security. For some of them, e.g. financial institutions or governmental organizations, impenetrable security is of utmost importance. A security-sensitive context usually calls for application of measures based on technical certifications, compliance and approval processes. In this talk I will show you how we achieve the goals of usable security in real-life projects at anderScore.

II. SPEAKER BIO

Jan Luehr is a senior software developer and architect, focusing on security and usability aspects. While working at anderScore GmbH for over 10 years Jan Luehr had been involved in various projects in a vast number of business areas, such as finance, insurance, health, telecommunication and more. Counting himself to pragmatic software engineers and architects Mr. Luehr successfully deals with challenges in the fields of enterprise integration, distributed systems, and customer specific software development, frequently as the lead technical expert. He consults on issues concerning infrastructure and penetration testing.