1. Problem identification & motivation	2. Objectives of the solution	3. Design & development	4. Demonstration	5. Evaluation	6. Communication
Review of comparable OSINT literature [33] to conceptualize the topic and derive the research question (problem centered).	Derivation of design objectives from the research question and gaps in OSINT research.	Systematic literature review [33] using specified categories for the creation of the trend radar.	Demonstration of the trend radar through expert interviews [14] and survey on the practical application of the technologies.	Evaluation of the interviews via a qualitative content analysis [44], to validate the trend radar.	Presentation of research gaps and practical deviations for practitioners and future research.
Chapter 1.-2.	Chapter 3.1.	Chapter 3.3.	Chapter 3.5.	Chapter 3.7.	Chapter 4.-5.

Process iteration

1. Evaluation of the problem statement and design objectives	2. Evaluation of the design specification	3. Evaluation of the first trend radar instance
Chapter 3.2.	Chapter 3.4.	Chapter 3.6.

Justified research gap   **Justified objectives**   **Justified prototype**   **Justified artifact**   **Research paper**

Databases	Initial search results (full access, german or english)	Time restriction, reading of title, summary, chapter headings, conclusion	Fully Analyzed (via SQR3)
Web of Science	89	13	11
IEEE Xplore	207	39	32
ACM Digital Library	145	12	12
arXiv	25	7	5
	∑ 566	∑ 71	∑ 60

DSR is a theory-based iterative approach for developing innovative solutions to practical problems. It involves six steps and includes three control steps for continuous refinement.