

**HSD**

CONFINED SPACES DISPATCH SOFTWARE

Bachelorarbeit in Elektro- & Informationstechnik





André

Alter

24 Jahre

Studiendauer

5 Jahre

GitHub

KuhlTime

HSD

B.Eng. Elektro- & Informationstechnik

2017 - 2022

HSD

Studentische Hilfskraft

2020 - 2022



Werkstudent Software Engineering

2021 - 2022



Software Engineer

2022 - Heute

HSD

CAMPBELL RIVER FIRE DEPARTMENT



Einsatzleiter

Kelly Bellefleur

Einwohner

40.000

Einsatzfahrzeuge

18

VDE

Kanada

USA



CONFINED SPACES



Confined Spaces

Occupational Health and Safety
Regulations (11.01)

A space that...

1. is enclosed or partially enclosed
2. is not designed or intended for continuous human occupancy; and
3. has a limited or restricted means of entry or exit or an internal configuration that could complicate provision of first aid, evacuation, rescue or other emergency response.



Physisch

Biologisch

Chemisch

Elektrisch

Ergonomisch

Psychologisch

TECHNOLOGY STACK

Sprachen:



Frameworks:



SaaS:



Testing / Error Handling:



Development Operations / Platforms:

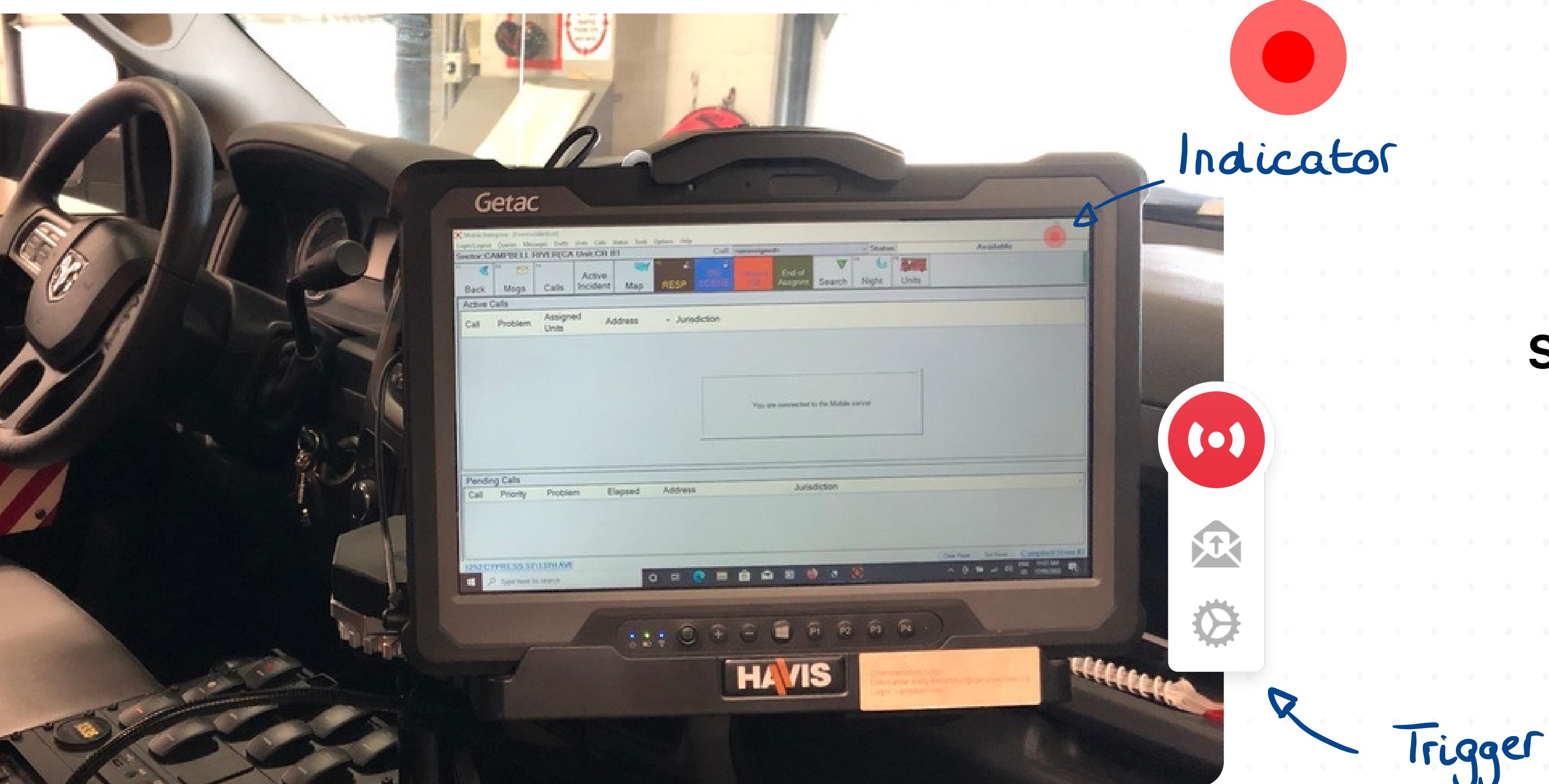


Version 1

Version 2

Version 3

Version 4



Offline Anzeige

Echtzeit Übertragung
Stabilität

Audio Feedback

Fehlerbehandlung

Logging

Datenschutz

Version 1

Version 2

Version 3

Version 4



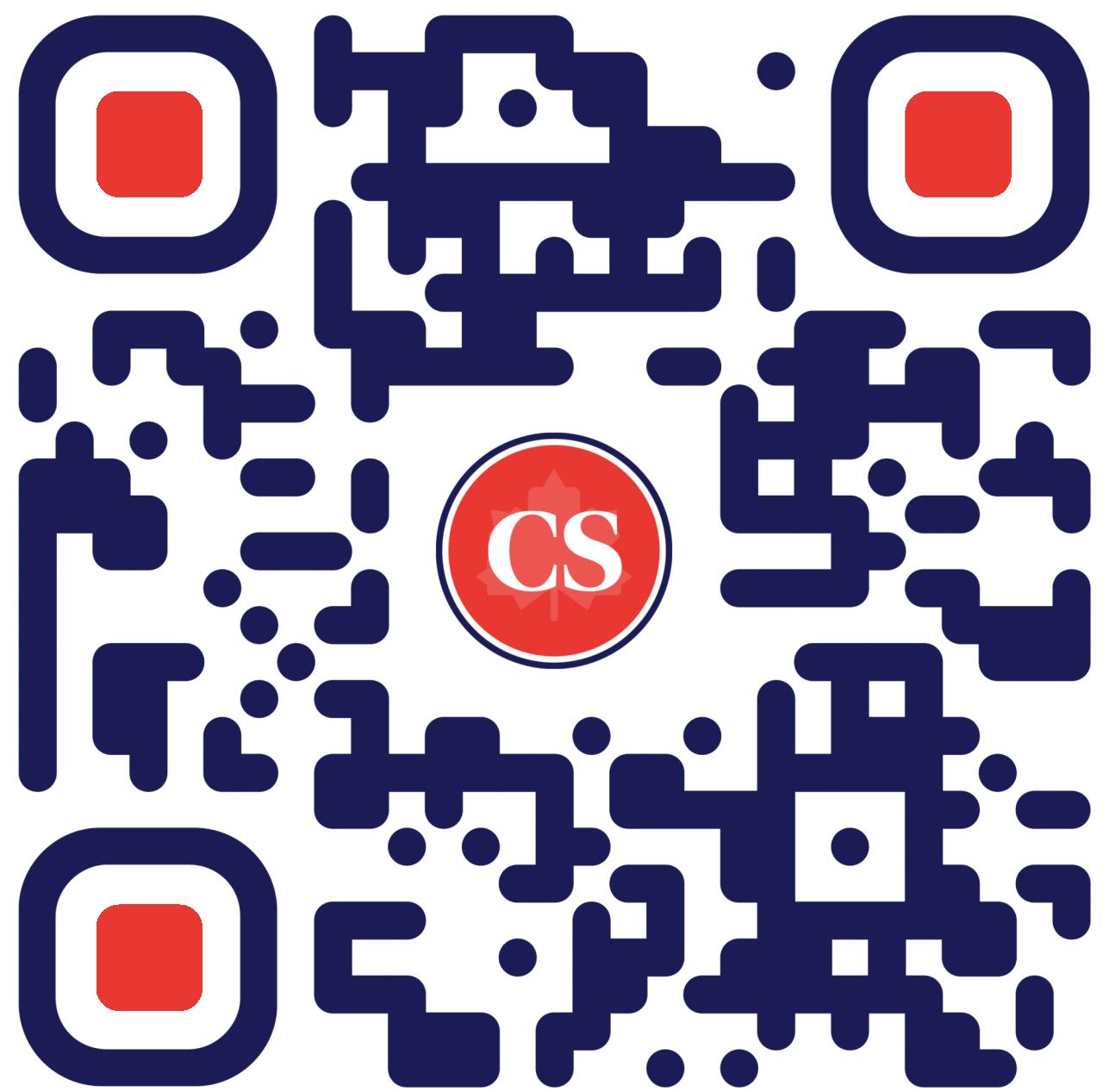
Workers



A screenshot of a web application titled "Confined Space Dispatcher". The URL is https://cs-dispatcher.netlify.app/operations. The interface includes a header with navigation icons and a sidebar with links like "Component Library", "Operations", "Spaces", "Contractors", "Map", and "Analytics". The main content area is titled "Operations" and shows a "Calender View" of tasks. The table data is as follows:

#	Space	Classification	Time	Date	Task
54	#hd2	Critical	17:00	08.12.22	Cleaning of Gas Storage an
55	#hd2	Critical	9:00	09.12.22	Cleaning of Gas Storage an
56	#ge1	Low	16:30	14.12.22	Maintance on Convayer Be

Dispatchers



<https://vde.kuhlti.me>

Vielen Dank &
Frohe Weihnachten



- |  KuhlTime
- |  <https://kuhlti.me>
- |  andre@kuhlti.me

<https://github.com/KuhlTime/bachelors-thesis>