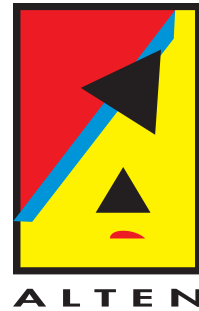




HOCHSCHULE
RAVENSBURG-WEINGARTEN
UNIVERSITY
OF APPLIED SCIENCES



Is ROS2 suitable for Automotive Embedded and Real Time Use

Master Thesis

Submitted in partial fulfillment of the requirements for the award of degree

Master of Science (M.Sc.)

in **Mechatronics**

at Hochschule Ravensburg-Weingarten

by

Viplav Setia

Matriculation Number: **31617**

Conducted at

ALTEN GmbH

31 January 2020

Under the guidance of

Prof. Dr.-Ing Benedikt Reick
Hochschule Ravensburg-Weingarten
Weingarten

Prof. Dr. rer. nat Markus Pfeil
Hochschule Ravensburg-Weingarten
Weingarten

Mr. Thomas Langer
M.Sc Engineering Consultant
ALTEN GmbH, Friedrichshafen