

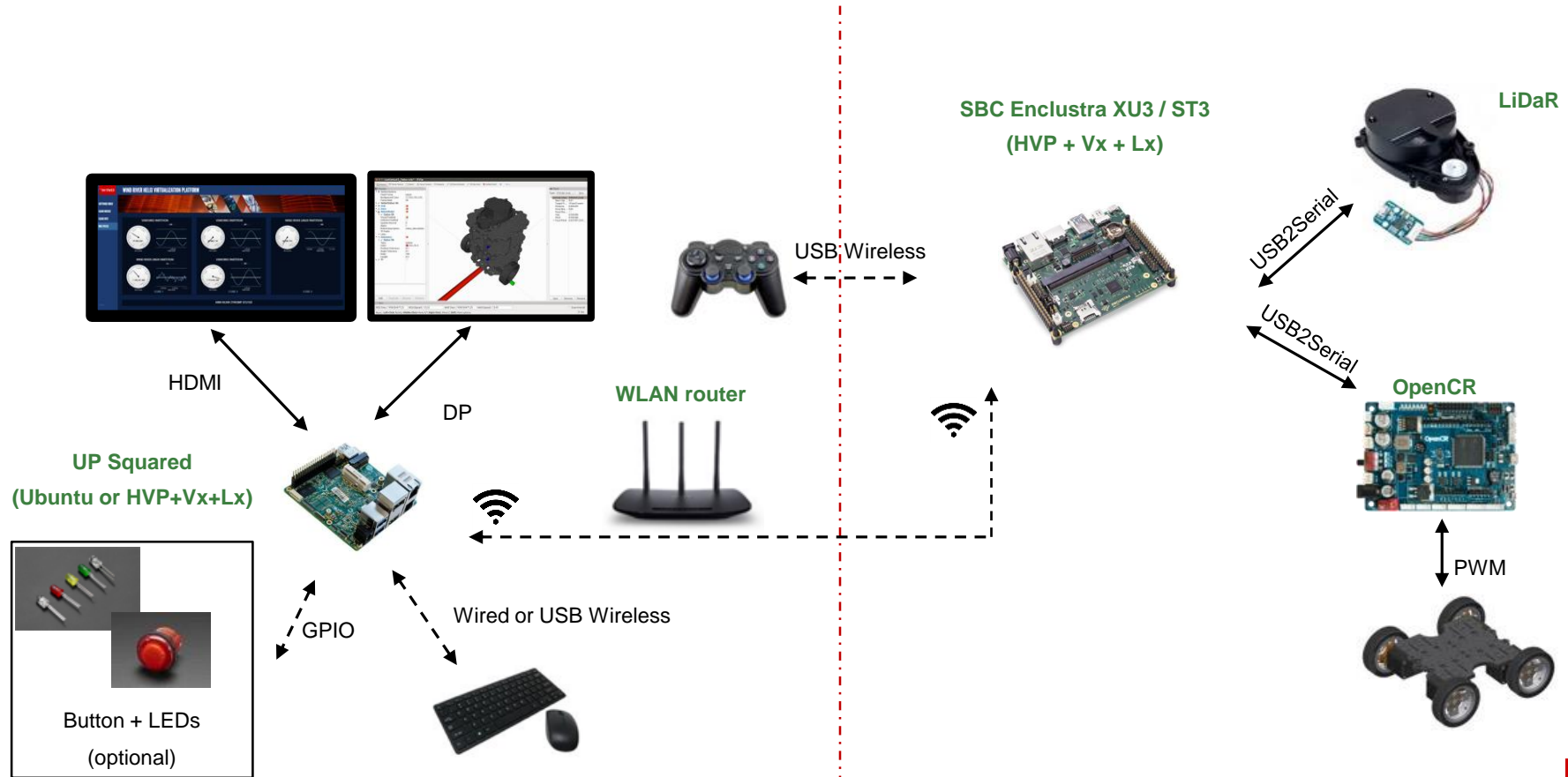
# Embedded World 2020 Turtlebot3 Demo

## Architecture Overview

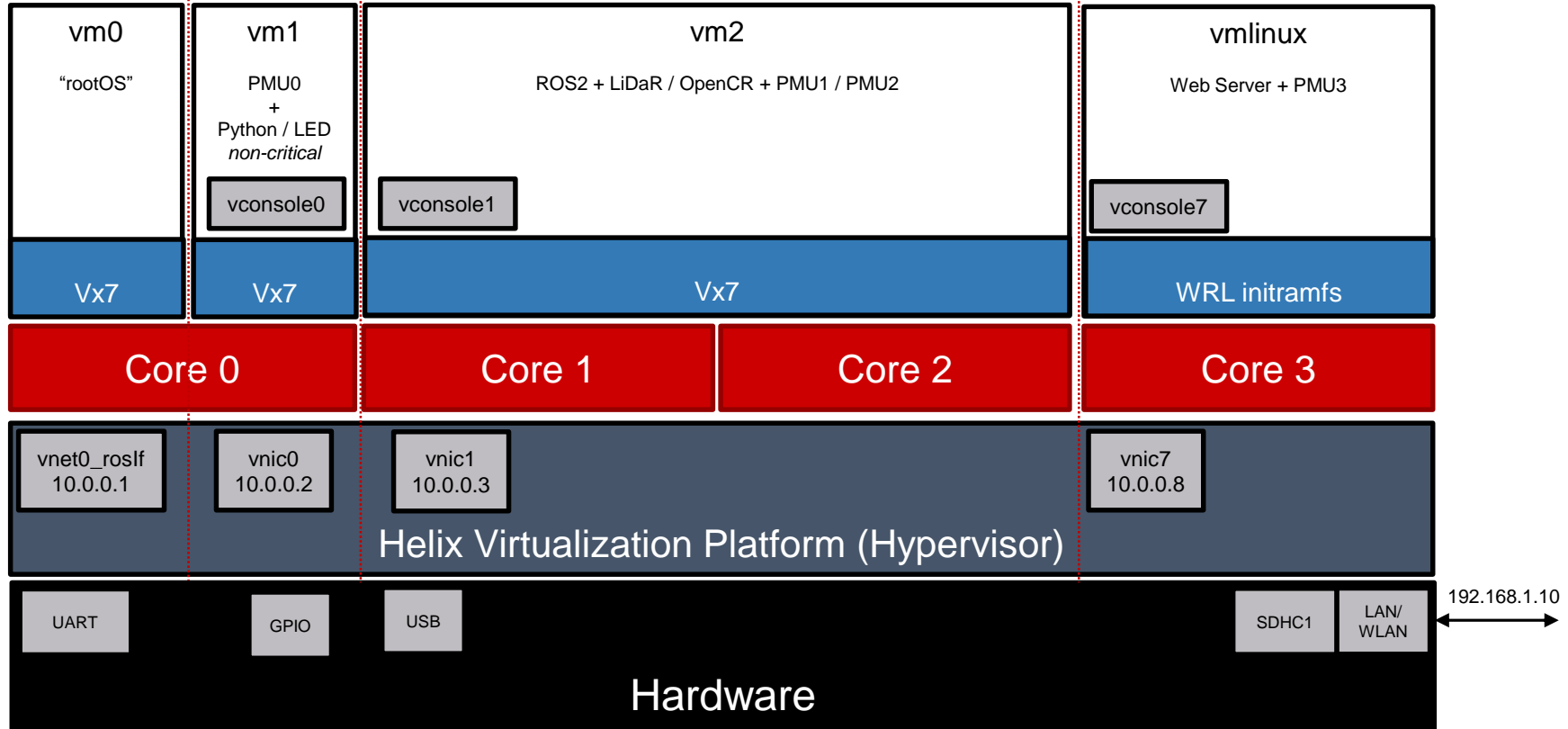
Andrei Kholodnyi, Wind River

# Hypervisor Dashboard with 4 VMs


# TurtleBot3 Burger Running ARM or Intel HW



# Turtlebot3 Burger Software Architecture on SBC



# vm2 Content - ROS2 dashing on VxWorks

ROS2 Obstacle avoidance app	
Turtlebot3 ROS2 packages	
	
ROS2 dependencies: ASIO, tinycv, OpenCV	
Python 3.8	POSIX
Cmake / autotools build primitives	
LLVM C++11/C++14	
VxWorks SR630	
TB3 LiDAR driver	TB3 OpenCR driver
Intel 64bit / ARM64	

<https://raw.githubusercontent.com/ros2/ros2/release-latest/ros2.repos>

# eProsima: micro ROS Integration with ROS2 on VxWorks

## ROS 2 Integration

