



# Intelligent Robotic Porter System

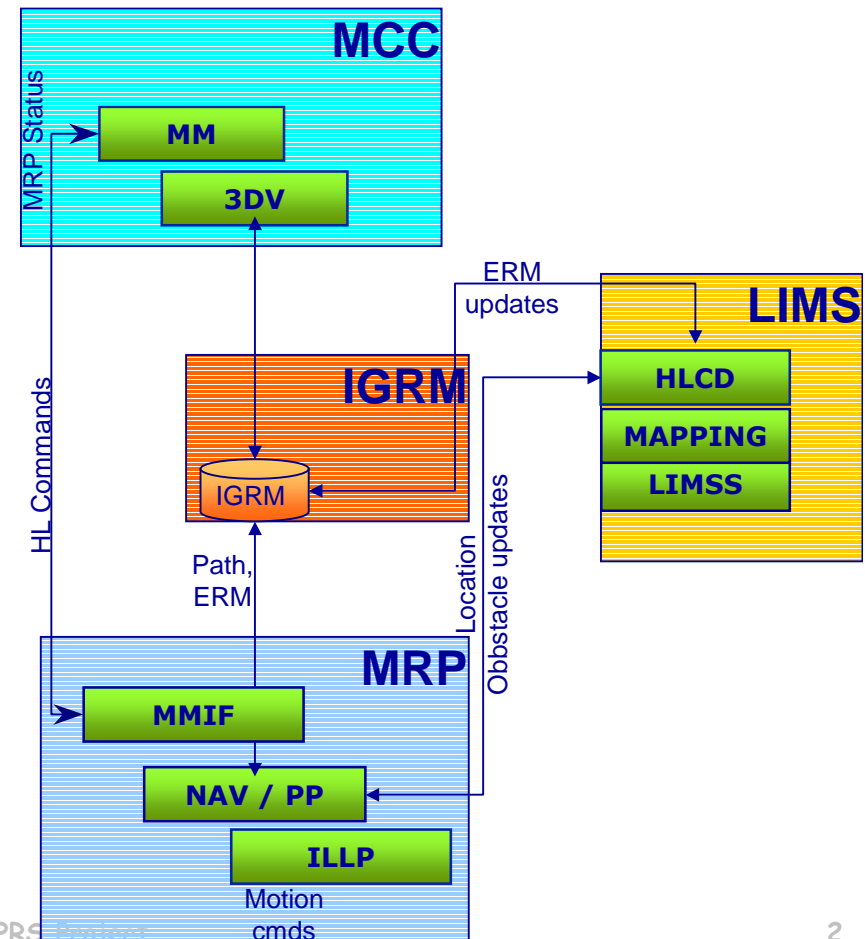
## Architecture for V2

**Prepared by MCC\_WG 080421 for PCS7  
(Scisys-CS-PIAP)**



# IRPS as 4 subSystems MCC, MRP, LIMS, IGRM

- **MCC- Control room**
  - managing status of a set of MRPs
  - and path Planning and controlling of a set of MRPs
- **IGRM : IRPS Global 3D Reference Model**
- **MRPs** ( hosted on a tele-operable electric cab)
  - Processing **Commands** from MCC
  - Sending **Status** to MCC
  - Configuring/Hosting a LIMS
- **LIMS** ( hosted on 1 rugged PC on top of MRP)
  - MRP localisation
  - Building a reference map
  - Change detecting



# IRPS Architecture Field Prototype V2

