



# Workshop Galileo/GMES

VRI

April 10, 2008





# Introduction

- Company presentation
- Galileo antennas





## Company: General

- OMP develops and builds RF & Microwave Subsystems and Antennas
- Sales office in US
- Manufacturing and test in El Paso, TX.
- ISO 9001:2000 approved





## Company: General

- OMP participates in several R&D efforts related to GNSS
- For ESA and GSA with SSN: antennas and receiver RF electronics
- For VITO under ESA funding: light weight L1/L2 antenna
- Extremely small L1/L2 antenna for US military customer (manpack)





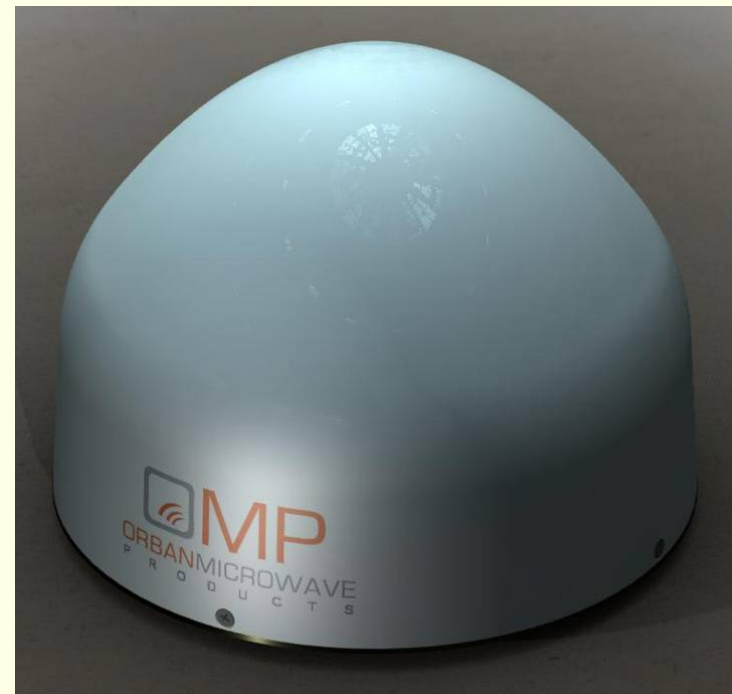
# Galileo Antennas

- Result of all this R&D is three fold:
  - Availability of several finished designs
  - Ability to use reference designs to quickly turn around customized or custom designs
  - Spin off into other antenna designs for satcom and other applications



# Galileo Antennas

- User needs antennas that cover all GNSS bands for best possible performance: Galileo, GPS, GLONASS
- Several off-the-shelf antennas that were developed under ESA and GSA efforts





# Galileo Antennas

- Overview of antennas:
  - High end: choke ring for precision applications
  - Rover: survey antennas
  - Aeronautical version: L1/L2 (UAV)



# Galileo Antennas





Thank you

