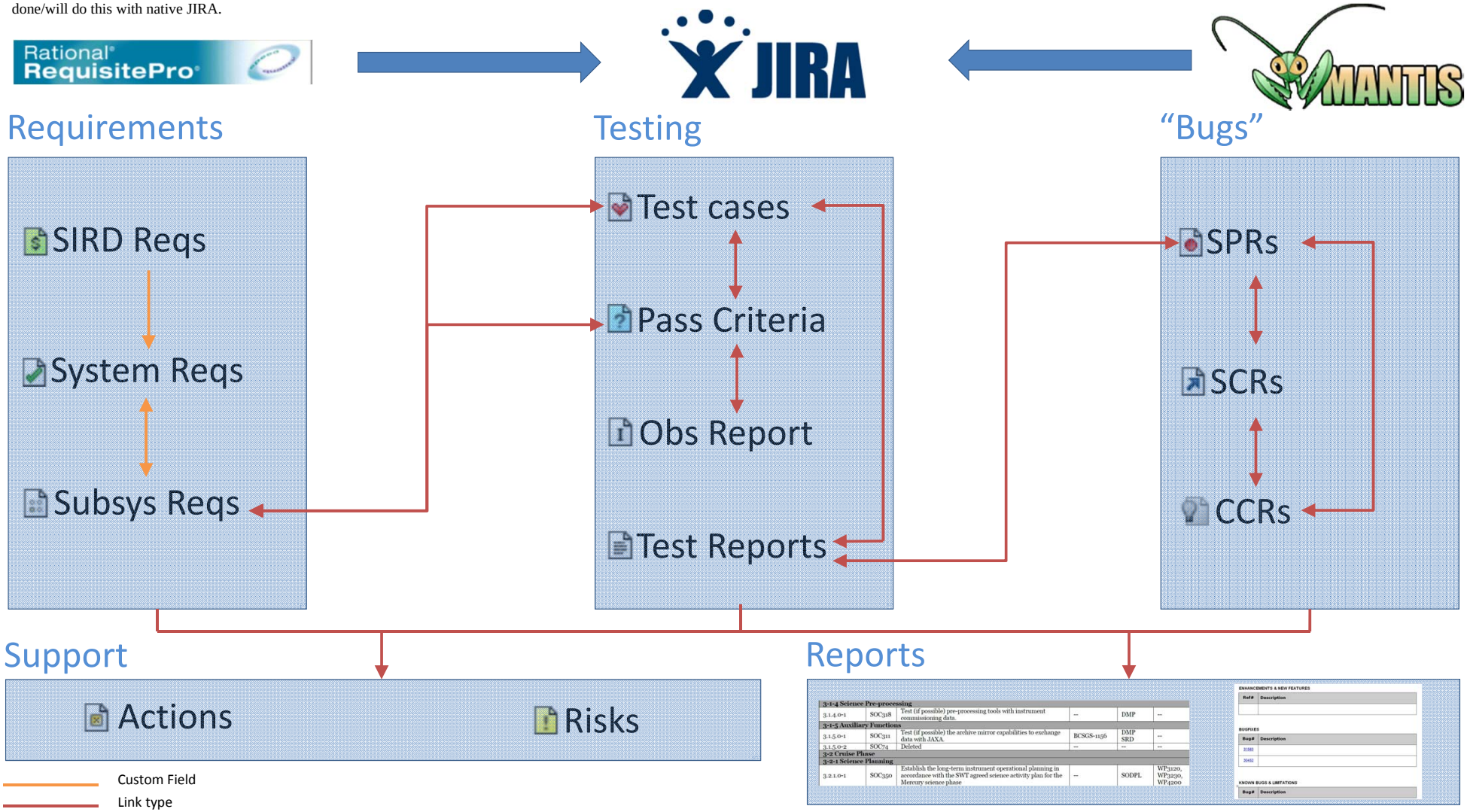
# BepiColombo Science Ground Segment
# Requirements Management and more with native JIRA.

R. Gill*, M. Casale*, F. Pérez-López*, J.C. Vallejo*
*European Space Astronomy Centre, PO Box 78, 28691 Villanueva de la Cañada, Spain

**PAPER ABSTRACT**

BepiColombo is an interdisciplinary ESA mission to explore the planet Mercury in cooperation with JAXA. The mission consists of two separate orbiters: ESA's Mercury Planetary Orbiter (MPO) and JAXA's Mercury Magnetospheric Orbiter (MMO), which are dedicated to the detailed study of the planet and its magnetosphere. The MPO scientific payload comprises 11 instruments covering different scientific disciplines developed by several European teams. The MPO science operations will be prepared by the MPO Science Ground Segment (SGS) located at the European Space Astronomy Centre (ESAC) in Madrid. The BepiColombo SGS recently decided to consolidate the two tools being used for requirements management and actions tracking by migrating both to JIRA. In its native form JIRA is not designed for requirements management but at the BepiColombo SGS it has been coerced into doing just that! With the positive experience gained so far the SGS plans to additionally introduce problem reports, change reports, test cases and test reports all with full backwards and forwards traceability to requirements. The paper will depict and describe how the BepiColombo SGS has done/will do this with native JIRA.




**Contact Info** | **Ranpal Gill,** Phone: +34 91 8131 532, email: Ranpal.Gill@esa.int | Paper No. P8.7 ADASS XXIV Calgary, Alberta, Canada