

*Rui Lopes is employed by Critical since 2006, he is currently a V&V and RAMS Engineer from the Safety-Critical engineering area.*

*Rui holds a degree in Electrical and Computer Engineering from Instituto Superior Técnico (IST) – Lisbon University achieved in 2006. After his graduation he started working at Critical Software in Portugal. Since 2006, Rui is working in the area of V&V and RAMS for Safety-Critical systems mainly in the Space related projects but also in order domains subs as Aeronautics and Railway.*

*In the past 5 years, Rui is working as a technical manager of the Safety Critical Systems division. During this time, he has participated in several international projects providing his expertise in several RAMS analysis (HA, FMECA, FTA, HSIA, HDA, among others) and Verification and Validation activities.*

*Due to his activities Rui Lopes is an experience engineer in domain specific standards such as ECSS (European Cooperation for Space Standardization), DO-178B, DO-254, DO-200A, EN50126 and EN50128 standards. Rui also has experience in several engineering tools such as Understand, Blocksim, Polyspace and FlexeLint.*

*Rui holds a clearance to work in NATO/EU Secret projects, he fluent in English, both oral and written."*