JOB DESCRIPTION

Vacancy Ref: A3232

Job Title:	Senior Research Associate	**Present Grade:** 7

Department/College:	School of Computing and Communications
Directly responsible to:	Prof. N. Suri, Prof. P. Angelov
Supervisory responsibility for:	Research Associates employed on the project

Other contacts
Internal:
Other researchers on TAS-S project; Members of Systems Security Group and Security Lancaster
External:
Project Partners

Major Duties:

1. Conduct basic and applied research for specification/verification of security in networked computing systems e.g., autonomous systems. Develop techniques to explore attack surfaces across varied control, decision & middleware layers. Explore the use of AI/ML in providing system level security.

2. To collaborate with industrial and research project partners and to assist in the coordination of development activities within the project.

3. Participation in all project meetings, preparation and presentation of talks, posters and reports to disseminate the results of these studies.

4. Participation in national and international conferences and workshops to present the results of the project to a wider audience and to learn about current advances in the field.

5. Take a leading role in the scoping, planning and writing of conference and journal papers for publication of project findings.

6. Take a leading role in identifying funding opportunities and developing project proposals for future funding building on the expertise developed in this project.

7. Any other duties appropriate to the grade, as directed by the Principal Investigator or his representative.