

Information Security

Membership of Research Entity	Project Scope
<p data-bbox="188 371 412 401">Por Lip Yee (Head)</p> <p data-bbox="204 443 618 611">a) Academic Staff</p> <ol data-bbox="272 478 618 611" style="list-style-type: none"><li data-bbox="272 478 505 508">1. Abdullah Gani<li data-bbox="272 512 607 541">2. Hannyzzura Pal@ Affal<li data-bbox="272 546 618 575">3. Dr. Miss Laiha Mat Kiah<li data-bbox="272 579 537 609">4. Dr. Omar Zakaria <p data-bbox="204 653 613 682">b) External Membership</p> <ol data-bbox="302 686 586 716" style="list-style-type: none"><li data-bbox="302 686 586 716">1. Dr. Wee Chong Yaw	<p data-bbox="824 371 1437 961">This is the project where the limitation and possible attack from an existing steganographic method have to be identified. Here, we propose a new approach for text steganography, where we suggest a hybrid method by utilizing whitespaces between words paragraphs in right- justification of text. The proposed system will be able to provide more capacity in embedding hidden bits in the cover medium, as well as to reduce the suspicion of eavesdroppers. For the proof of concept, a text-based steganographic method will be developed to justify that the hybrid method is an enhancement to increase capacity to hide more bits in the cover text. Furthermore, a more robust data encoding and decoding scheme will be implemented to prevent aggressive steganographic attacks.</p>