

<p class="MsoNormal" style="line-height: 16.0pt; mso-line-height-rule: exactly; mso-pagination: none;">IEC/ISA 62443 ♦Certified</p> <p class="MsoNormal" style="line-height: 16.0pt; mso-line-height-rule: exactly; mso-pagination: none;">SCADA testing</p> <p class="MsoNormal" style="line-height: 16.0pt; mso-line-height-rule: exactly; mso-pagination: none;"><strong style="color: #292929; font-family: Tahoma, Arial, Helvetica, sans-serif; font-size: 12px; line-height: 18px; margin: 0px; padding: 0px;">SCADA (Supervisory Control And Data Acquisition) solutions provide remote access functionality to offsite equipment and is widely used to control industrial equipment, to monitor energy consumption (including smart grid technology) and to manage building services such as air-conditioning and access control.</p> <p style="margin: 12px 0px; padding: 0px; color: #292929; font-family: Tahoma, Arial, Helvetica, sans-serif; font-size: 12px; line-height: 18px;">For certain attack groups, SCADA systems represent a very attractive target; by their very nature they are public facing, have a history of weak security and misuse can have devastating effects. Locking staff out of a building or disabling server room air conditioning will have is just as effective as a more conventional denial of service attack.</p> <p style="margin: 12px 0px; padding: 0px; color: #292929; font-family: Tahoma, Arial, Helvetica, sans-serif; font-size: 12px; line-height: 18px;">The term SCADA covers a concept and there is significant diversity in the underlying technology.</p> <p style="margin: 12px 0px; padding: 0px; color: #292929; font-family: Tahoma, Arial, Helvetica, sans-serif; font-size: 12px; line-height: 18px;">The first stage of any test is to understand the technologies in use, which vary significantly, from old proprietary solutions to more modern web-based interfaces, with or without additional authentication solutions.</p> <p style="margin: 12px 0px; padding: 0px; color: #292929; font-family: Tahoma, Arial, Helvetica, sans-serif; font-size: 12px; line-height: 18px;">Once the solution is understood, Portcullis♦ consultants will evaluate the potential attack vectors, develop an appropriate test plan and progress to testing. Testing will always be respectful of the system under review appropriate safeguards will be agreed.</p> <p style="margin: 12px 0px; padding: 0px; color: #292929; font-family: Tahoma, Arial, Helvetica, sans-serif; font-size: 12px; line-height: 18px;">♦</p> <p style="margin: 12px 0px; padding: 0px; color: #292929; font-family: Tahoma, Arial, Helvetica, sans-serif; font-size: 12px; line-height: 18px; text-align: center;"></p> <ul style="margin: 1em 0px 1em 11px; padding: 0px; list-style-type: none; color: #292929; font-family: Tahoma, Arial, Helvetica, sans-serif; font-size: 12px; line-height: 18px;">