



REMOTE MONITORING OF CRITICAL EQUIPMENT

- 1) COTS (COMMERCIAL OFF THE SHELF) IoT DEVICES PROVIDE MONITORING OF DEVICES BUT CANNOT BE MONITORED OUTSIDE OF LOCAL AREA NETWORK.
- 2) BY USING A LOCAL LINUX OR OTHER SMALL FORM FACTOR COMPUTER (RASPBERRY PI4), IT IS POSSIBLE TO CONSOLIDATE LOCAL IoT DEVICE'S INFORMATION AND SEND IT OFF TO THE CLOUD VIA THE LOCAL ROUTER'S GATEWAY.
- 3) IN THE CLOUD, IS THE ASP.NET WEB SERVER USES CUSTOMIZED SOFTWARE IMPLEMENTING REST API's. THE DATA IS STORED ON THE WEB SERVER'S DATABASE.
- 4) THE WEB SERVER CAN DISPLAY INFORMATION IN THE CLIENT BROWSER AS PER CUSTOMER PREFERENCE.
- 5) ONLY AUTHENTICATED AND AUTHORIZED USERS CAN ACCESS THIS WEB SITE.
- 6) INFORMATION CAN BE MONITORED ANYWHERE VIA LOCAL COMPUTER OR TABLET / SMART PHONE AND etc...

JOB NUMBER		Palm Harbor Technical Resources Palm Harbor, FL		
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