

EUR21_11 - ELECTRICAL EQUIPMENT DESIGN CONSIDERATIONS FOR NOW AND THE FUTURE

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Abstract - We are living in exciting times as engineers with the consolidation of many new innovations that we know of and many new capabilities on the horizon. Along with the introduction of these new technologies comes greater operational expectations by the end user for the systems being implemented today in numerous areas including, but not limited to, integration, safety, predictive maintenance, ease of use, efficiency, etc.. Further to this, how do we anticipate the further changes which are to come in the areas of artificial intelligence, augmented reality, and those that are yet unknown? As we become more connected, there are also the concerns related to security. The intention of this paper is to look at the changing landscape for the designer in terms of IIoT, data management, asset management, lifecycle, etc. with the intent to review these new requirements and how to manage them.