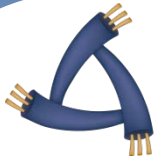


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Intelligent 3-D Model Based Design Standard & Automation

Kurt M. Traub, P.E.

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Intelligent 3-D Model Based Standard Design & Automation

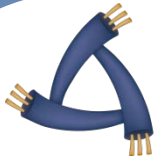
- **Building your company's standard framings in PLS-Pole with correct engineering properties for all components**
- **Setting up criteria files to capture all requirements of company's design criteria**
- **Setting up feature codes (.fea) that are uniform w/ correct clearances**
- **Automating a Bill of Materials**
- **Automating conductor variable parts**
- **Automating costs (Material & Labor)**



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Variable Conductor Parts

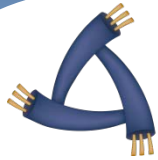
- **SUSPCLMP**
- **ARMOR_ROD**
- **DE CLAMP**
- **TERMINAL**



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Why is Using Intelligent Model Based Tools & Automation Beneficial?

- **Experienced, seasoned engineers/designers are retiring. Employee turn-over is becoming a greater trend among new hires, and rotations are still common. Doing this captures the knowledge of seasoned employees.**
- **Reduce training time and maintain best practices and expertise.**
- **QA processes that previously were more time consuming are now being completed more rapidly & accurately.**
- **Reduction of time to complete project estimates & design.**
- **Less frequent cost-overruns or material shortages.**
- **Better design packages increase job satisfaction among design and field personnel.**



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Questions?

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