

## **Improving The Packaging Unit At AEC**

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### **Abstract**

AEC has emerged as a national leader in the field of modern electronics, manufacturing capabilities, repair, and maintenance services. With a 100% completion rate of projects, their specialisation spans across defence, energy, ICT, and security services. Starting out as a renowned firm in the electronics industry, AEC has evolved as a core ally of the Government of Saudi Arabia in localising military manufacturing, deploying smart technologies, and accelerating industrial and commercial growth. They have channelled all their capacities towards meeting the benchmarks rolled out under Saudi Arabia's Vision 2030 Program.

The company have signed two contracts in the energy sectors; one with Saudi Electrical Company(electricity meters), and the other one with Saudi National water company(water meters). The company wants to improve their packaging unit to deliver the current project (Electricity meters) without postponing the upcoming projects. The water meters project will start during the second quarter of 2021.

### **Keywords**

Bottleneck , Simeo, Solidworks, Six Sigma , Minitab.