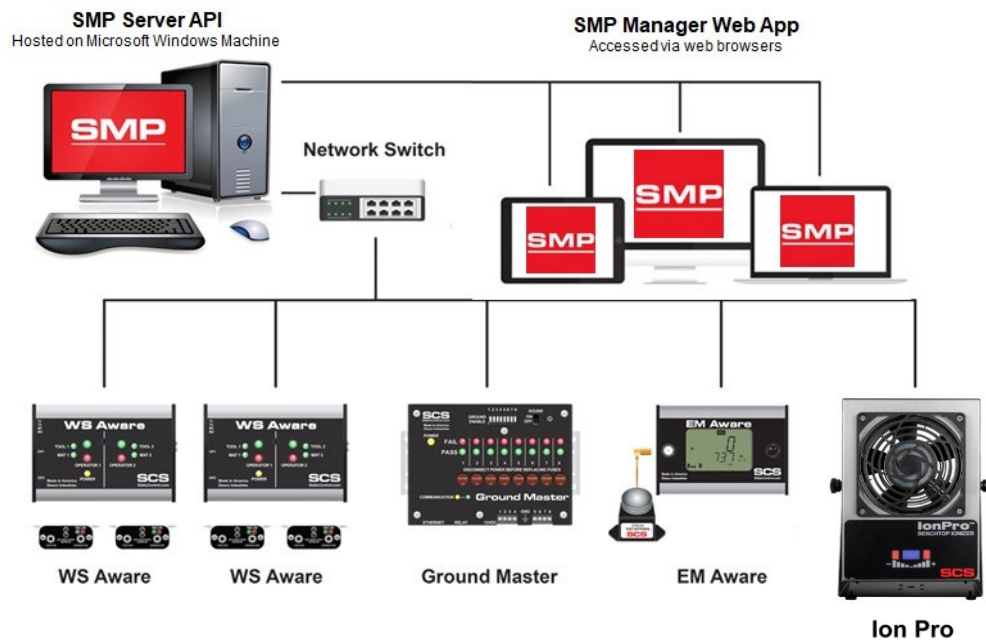


Static Management Program



For years, electronics manufacturers have struggled to answer the question, “How do you know?” How do you know that your products are not falling victim to electrical overstress or electrostatic discharge? How do you know that damaged product does not get into the hands of your customers?

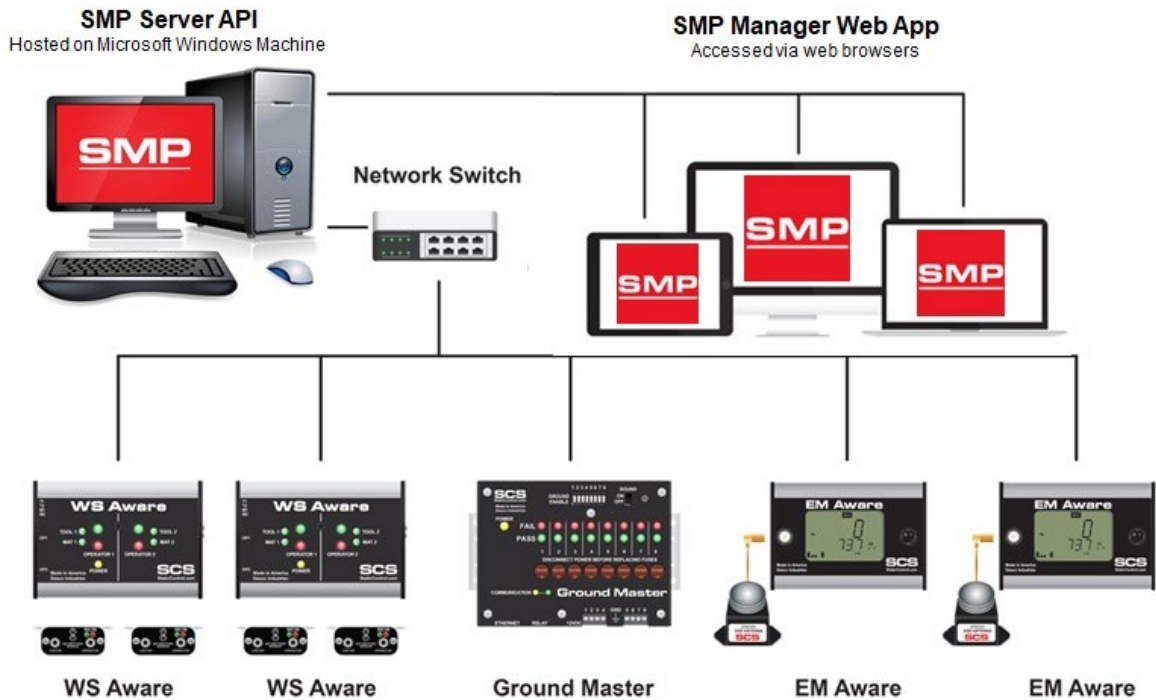
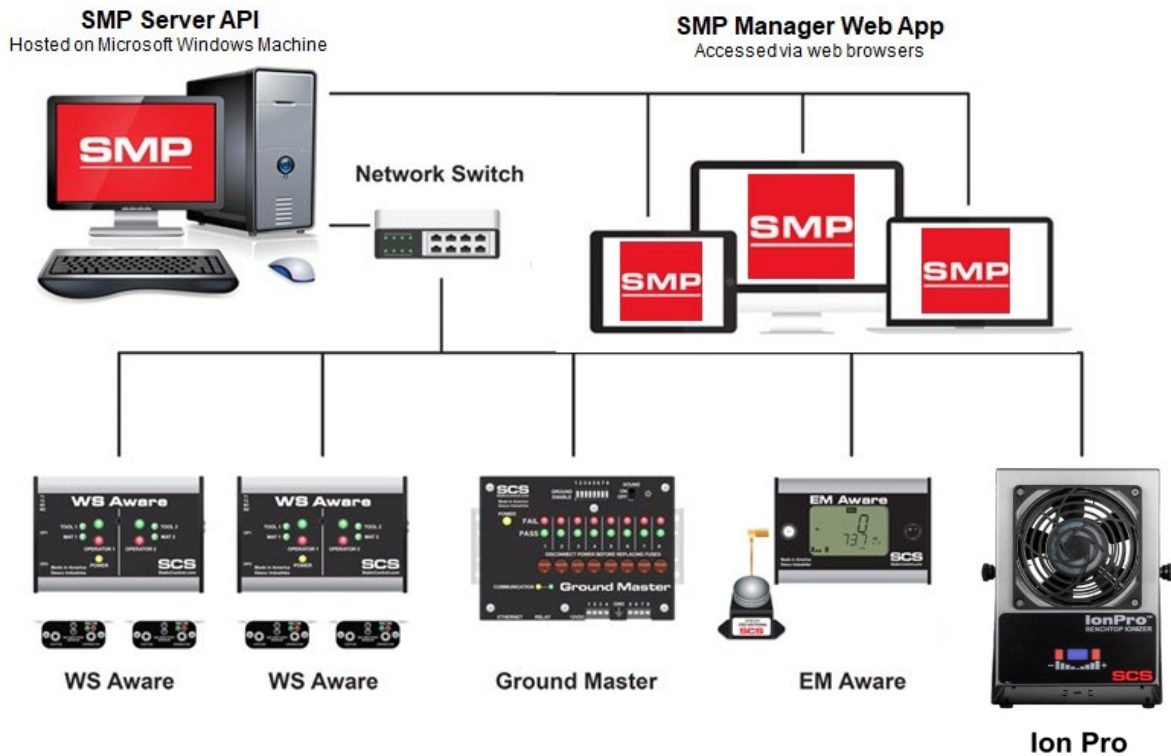
With the Static Management Program (SMP), finally, you know.

SMP offers companies an effective way to detect electrostatic discharge (ESD) events and help prevent component failures. Static control instrumentation helps businesses achieve a competitive advantage in the marketplace by reducing losses due to ESD, electromagnetic interference (EMI) and electrical overstress (EOS). SMP can assist you in identifying and addressing concerns associated with ESD, EMI and EOS issues. By helping to minimize these concerns, your yields may likely be improved, leading to possible cost savings and increased customer satisfaction.

SMP combined with proprietary diagnostic static control instrumentation, finds and measures actual ESD events and EOS (electrical overstress) situations, instead of simply assessing the potential for such events. Our products capture, record and read data affecting your products, versus only verifying whether or not precautionary measurements are functioning properly. All of this is done in real-time, yielding your company real results.

Overview

SMP is a distributed software system designed for control, monitoring, and management of monitoring devices. In the most basic (and most common) installation, the architecture looks like the below image.



All monitoring devices are connected to a local area network with a server (physical or virtual) running the software. In general, SMP offers a flexible architecture with loosely coupled components.