

The greatest danger caused by electrostatic discharge is “latent damage” to the (operating) components. At final inspection this damage is not visible so the product are going into the production process damaged.

Problem: Quality and reliability are of utmost importance . Memory module manufacturing facilities MUST reflect that commitment. to keep costs low!!

For the same self-serving reason, IT managers should create an ESD free work area and implement best practices for handling components by all service personnel. Successfully eliminating ESD damage in your datacenter will enable trouble-free operation of your servers, especially critical CPUs and DIMMs for many years to come!

Server manufacturers HP and IBM have written Support documents outlining Best Practices for the proper handling of server components. Customer Support engineers provide these documents as educational tools when proper handling of DIMMs is the topic of discussion. Remember, damage from ESD is NOT a myth!

The cost can be divided into two major groups:

Repair costs for the company that supplied the equipment, loss of data for the business that makes use of the equipment. Perhaps A server from Mobistar falls ... 1000s subscribers have no communication any more ... we're not just talking about the consumer but also safety authority such as Police, Hospitals, electricity suppliers, Emergency Services who can no longer perform their duties.

Collocutor: Safety manager, coordinator

Danger: failure of control system data

Measures: must be sure that the company that data controllers (servers) supplies can guarantee that they have their ESD-safe equipment. Anyone who uses this data equipment must treat / repair is aware of the ESD precautions. Follow these steps very consistent or else deny access.

Precautions:

- ESD training
- ESD safe floors
- ESD access
- ESD racks
- ESD tables
- ESD chairs
- ESD-trolleys
- ESD packing
- ESD safe tools
- ESD-Field Service-kit
- ESD cleaners
- ESD clothing
- ESD shoes

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