***Expert Assembly Announces New Quality Initiatives***

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**Southern California EMS provider Expert Assembly Services, Inc. has been known throughout the region for exceptional quality control processes since their inception twenty years ago. The company recently enhanced that control with the addition of ultra-low RH component and PCB storage and drying by Super Dry.**

The company specializes in time-critical, complex consign and full-turnkey PCB assembly services for over 100 OEMS from a wide range of end markets including aerospace, medical, dental, communications, defense, storage, entertainment, and networking.

Ever increasing miniaturization of electronics, including thinner components and new materials has made the management of moisture sensitivity an increasingly critical element of product reliability. Manufacturers are being challenged to manage larger and larger volumes of parts in a controlled and traceable manner. IPC /JEDEC-J-Std-033C identifies a maximum of 5% RH to safely store MSDs. This simply stops the clock. it does not remove moisture nor restore MSD floor life. Lead free processes, which create up to 3x the saturated vapor pressure within components, extend the challenges of eliminating the cracking, popcorning and delamination that cause field failures. A 0.5% humidity environment not only safely stores components, it can also remove moisture and reset component floor life, while also preventing oxidation and inter metallic build up caused by high temperature baking.

Jack Quinn, Founder and CEO at Expert, commented:

(Jack, just a “for instance.” Rich)

“Our decision to deploy this technology had several facets. Our primary concern(need/challenge) etc

Second, … etc

End of Jack’s comments

“The original RoHS deadlines accelerated European electronics manufacturers’ recognition of the need to establish comprehensive material management programs including storage and drying of components,” added Richard Heimsch, Director at Super Dry in the Americas. “After more than a decade of development and 3000 unit shipments, we now have mature solutions for a burgeoning electronics process problem which are also unmatched in environmental friendliness. These systems consume less than 1% of the energy of traditional baking methods while at the same time reducing overall floor space and logistics.”

**-ENDS-**

**About Expert Assembly**

**About Super Dry**

Delivering globally to the world’s top tier OEM and EMS companies, Super Dry has become the industry measure for ultra-low humidity storage and floor life reset drying. Boasting <0.5% RH and the fastest recovery times, Super Dry systems are available in an almost limitless range of sizes and configurations, all with certified performance control measures. [www.superdry-totech.com](http://www.superdry-totech.com)

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