Forethought, not Afterthought to pass Certifications

Electronic products and systems are required to meet electrical, safety and additional norms and all relevant industry specific certifications. Normally companies design products and then submit them to accredited test labs to put the product through a sequence of measurements to certify the product. Electronic hardware designers that have marshalled a product through this process know that when it comes to high-speed, high performance applications, the slightest design flaw can lead to a failure, especially in terms of emitted electromagnetic RF signals (EMI) or the susceptibility to electro-static discharge (ESD).

Creating designs that will pass certifications in not straightforward. Failures to meet standards can be caused by the routing of tracks in the PCB, the actual material used in the PCB, methods of grounding and decoupling used, the application of RF shielding and physical circuit separations and even the choice of components, the application of coils, and the avoidance of unintended antennas. AimValley has invested in simulation tools to augment our capabilities and our engineers have a high level of expertise in designing products that not only meet but exceed requirements in these areas and most importantly we have a track record of largely passing the first time. That saves time, avoids rework and ultimately cuts costs.

Delivering Solutions for a Connected World

AimValley

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Why AimValley?

AimValley is a reliable provider of Edge technology since 2003, delivering solutions for:

- High speed data processing applications
- Complex FPGA-based accelerated systems
- High speed, low power hardware equipment
- Robust embedded software
- Early adopter of Acceleration Technology

Joint Development

Achieving your goals requires you to constantly adapt to new technologies. Based on your requirements, we design solutions and ways to jointly implement them.

Tailor-made Solutions

We collaborate with you to deliver your desired solution (complete product or only part of the development).

Fast-Track Development

Taking advantage of re-usable designs and IP enables us to develop your solution on a fast track.

Innovative Solutions

AimValley is continuously looking for alternative and optimized ways of designing high-tech products. We have an extensive patent library.

Phased Approach

Our design process is structured to successfully take your product from concept to production and flexible enough to allow you to leverage any of our services on a standalone basis.

Certification

AimValley is experienced in certifying products or systems, such as EMC/ESD, CB and CE.

Life Cycle Management

We offer life cycle management for the design and/or the product. This includes maintenance and component obsolescence management.

Quality Focus

- Outstanding track record of on-time delivery
- Best in Class Designs – Time, Budget & Quality
- ISO9001, ISO140001, Ecovadis Platinum CSR

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