Taray Case Study

Taray
Taray Inc. (http://www.tarayinc.com), founded in 2002, provides industry leading solutions for complex Field Programmable Gate Arrays (FPGAs) used in system design.

Taray's 7Circuits I/O Synthesis Tool provides the perfect solution for designers of complex Printed Circuit Boards (PCBs) built using high-density FPGAs with thousands of pins for telecom, networking, computing and electronic equipment. 7Circuits automatically generates PCB schematics and optimizes pin selection and assignments while reducing errors, number of PCB layers, design iterations, and manufacturing costs.

Project Completed
Developing exhaustive online help for 7Circuits. This included working on more than 300 topics in the documentation.

Tools Used
Adobe RoboHTML 7, SnagIT

Challenges
The various challenges faced were:
- Gaining a thorough understanding of the niche Electronic Design Automation (EDA) domain.
- Being a revolutionary product in the FPGA based PCB designing, understanding the old workflow of PCB designing and new workflow was vital.
- Collecting information was difficult as not much of documented information about the product was available.
- Developing a clear understanding of the 7Circuits.

Solution
To overcome these challenges, we underwent in-depth training with regards to the complex 7Circuits functionality. We coordinated closely with the Subject Matter Experts (SMEs) and studied the product hands-on. We also searched FPGA reference material on the Internet and studied other EDA companies' material to develop the understanding of the domain. We worked on more than 250 topics in the documentation. The team involved one writer working on-site and one reviewer working from Technowrites's office.