Abstract

IPRO 316
New Applications of Virtual Reality Training
Fall 2007

Purpose:
IPRO 316 is working with Product Animations Inc. to research new applications and distribution methods for their immersive, 3D, virtual reality training software. This product has the potential to decrease training time and cost, while increasing training effectiveness in a safe environment. Currently Product Animations’ core products are focused in pharmaceutical manufacturing and packaging equipment and they are looking to diversify into other markets.

Conclusions:
Working in four sub teams we focused in two distinct areas. Two groups looked into opportunities similar to PAI’s current products, which are low volume but have high value to potential users. The other two groups looked into an Application Service Provider, a method of providing products over the Internet, and into Homeland Security/Emergency Response applications that would be provided over the Internet and not demand the same amount of interactive training.

We have found applications in operator training for heavy machinery, specifically high-rise cranes, and within John Deere in their agricultural equipment. We have also created an application service provider web site in order to demonstrate feasibility and looked into smaller applications.

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