Ashlar-Vellum Channel Partner Newsletter
April 2013

Ashlar-Vellum Job Board Adds Resumes

We've added a new side to the Ashlar-Vellum Job Board for those *seeking* employment in the CAD and design field. Whether it's to pick up a quick bit of freelance work, contract for a company on the other side of the globe, work part-time in off hours or find a full-time position at an established firm, applicants can post their resumes, contact information and a description of the position they seek as they look for a match with others needing their skills.

Check it out on our test site and encourage others looking for assistance or seeking work to make a post on the site.

SPAR International Conference

Robert Bou returned last week from the SPAR International conference in Colorado Springs, CO. Attendance included professionals from almost every industry using 3D modeling, including mining, civil engineering, aerospace and criminal science. Conversations centered around using photogrammetry and laser range finding to develop point clouds and meshes in the production of NURB surfaces, analytic surfaces and design intent.

Robert attended specifically to learn about new technologies and where to implement them to support our existing markets and to look for under-served markets in which to expand. He met up with long-time Ashlar-Vellum customer Joe Chwan from Snap-on Tools, also attending the conference.

TeraViks Update

In our last user newsletter, we reported that FIRST Robotics Team 3145, the TeraViks, of Cœur d'Alene High School in northern Idaho used Graphite™ software to successfully compete in the Oregon Regional matches. They came in second

RoDel, the TeraViks' winning robot.

and won the *Xerox Creativity Award*. Moving on to the Spokane Regionals, they again came in second, captured the *GM Industrial Design Award* and drew a wildcard spot at the national championships going on in St. Louis the end of this month. We'll keep you posted on how this enthusiastic group of young designers do.

FRC Team 3145 TeraViks from Cœur d'Alene High School, Cœur d'Alene, Idaho.

Rules Plot Connector for AlphaCorr

Vladimir Karpenko was in Kiev, Ukraine earlier this month working with software developer Nick Sarajev and "plotter-reviver extraordinaire" Andrew Patlan on the Perle connector and drivers for AlphaCorr Rules™ and SteelRules™ software. The Perle device has an Ethernet RJ45 connector on one side and a DB9 serial connector on the other. It allows Rules or SteelRules to output to any plotter, cutter or router that accepts HPGL. This breathes new life to many older devices such as cutters with serial ports using command sets from the 80's and 90's.

As part of our test set, we purchased an old HP 7475A plotter which uses a command set similar to a cutter of that era:

Plotter:	Cutter:
pen up	knife up
pen down	knife down
move x	move x
move y	move y

When the plotter arrived in Ukraine this month with Vladimir the pen arm was broken. A little ingenuity on the part of Andrew Patlan rebuilt the rotation arm and rewired the plotter to run on 220V electricity.

Security Key Available for Graphite v8 SP4

The latest release of Graphite, v8 SP4, has a new security feature that "phones home" periodically through the internet. This presents a challenge for a handful of customers in high security environments where internet access is prohibited. To solve this, a WIBU Codemeter security key can be installed and programmed. The keys are offered through Ashlar-Vellum for US$100, can be purchased directly from WIBU, or an existing key can be used. After the key is installed, the Ashlar-Vellum technical team will help program it free of charge and will then block the license from the security server.

Please note: These keys can be ordered without RAM so that they behave electronically like a computer mouse, thus eliminating the problems with secure facilities that do not allow USB flash drives on site.

Vellum Nitrogen™ in Beta on Mac

Vellum Nitrogen, the Japanese Unicode variant of Graphite™ is in beta on the Mac with anticipated release sometime in May. This new Unicode infrastructure is important to our users around the world because it forms the foundation for Graphite v9.