HazyBits Working with TWG on TWAIN Cloud

At this fall's **Harvey Spencer Associates** Capture Conference, the **TWAIN Working Group** (TWG) announced that a preview version of its SDK was being made available to ISVs for creating TWAIN Direct connections over LANs [see DIR 10/13/17]. TWAIN Direct is the new driverless scanning protocol that TWG has been working on over the past couple of years to help modernize document scanning processes. As part of these efforts, there is also a TWAIN Cloud component in development, and the ISV **HazyBits** recently joined the TWG as an Associate member for the purpose of making development contributions to TWAIN Cloud.

The president and co-founder of HazyBits is Dmitry Kolomiets, who had previously worked with the TWG as part of **Atalasoft** (a Kofax company), where he worked for more than three years. "We are a small company whose focus is to try and build and scale a sturdy cloud infrastructure that can be used to build highly scalable cloud solutions," Kolomiets told *DIR*. "That is why we are interested in TWAIN Direct and

TWAIN Cloud. We think TWAIN Cloud is an example of a highly scalable and interesting solution."

HazyBits is currently working on a prototype of TWAIN Cloud utilizing the specifications laid out in the TWAIN Direct standard. "We are focused on building an infrastructure that can act as a platform for running the TWAIN Direct service at the speed and in the manner we want it to perform," Kolomiets said. "One of our areas of focus is security, so we can ensure that TWAIN Cloud can provide protection of highly sensitive data."

TWAIN Cloud is basically a service that scanners running TWAIN Direct will be able to connect to. Its main function is acquiring PDF/Raster images from scanners and passing them on to applications that have been designed to integrate with TWAIN Direct. HazyBits is developing the prototype for TWAIN Cloud on its AWS account.

"When TWAIN Cloud is ready for consumption, at the very least, TWG will host a developers' site," said Jon Harju, Chair of the TWAIN

Working Group and CTO of **Visioneer**. "Depending on how the business case works, it may make sense for individual scanner vendors to host their own production TWAIN Clouds."

Even though all TWAIN Clouds would be built in compliance with the standard (enabling them to connect to TWAIN Direct scanners and compatible software applications), the scanner vendors would be able to incorporate proprietary image processing features on their TWAIN Clouds, much like they do in their traditional TWAIN drivers today. Of course, ISVs like HazyBits could also offer cloud-based image processing services that could be called on by TWAIN Cloud services.

Harju concluded that the TWG is making good progress on TWAIN Cloud. "I am pleased as to where we stood as of our last quarterly review," he said. "I'm optimistic that we will meet our expectations for a release date in 2018."

For more information: http://bit.ly/HazyBitsTWAINCloud