

Windows Surface RT Mobile Client

Proposal for Colorado School of Mines EECS Field Session, Summer 2013

Client: Shawn Horton – Newmont Mining Corp.

Shawn.horton@newmont.com

Mobile 720.394.5965



Introduction

Windows RT is Microsoft's Windows operating system for the Surface RT line of mobile tablets running the ARM chipset. This project is an opportunity to write a small mapping application on the Windows RT and discover the capabilities, pros, cons, and cautions of writing for the Windows RT system.

Objectives

1. Develop a Windows RT client that meets the requirements for blasthole tagging and basic geologic sample identification including location, hole number, geology, lithology, alteration, and other pick-list fields.
2. Communicate with an internal SQL Server database to download blasthole information and upload collected data.
3. Draw and modify simple shapes around blastholes with similar characteristics.

Requirements

1. Interested in the Windows RT operating system
2. Understanding of the Microsoft application programming stack (Visual Studio, .NET, C#)
3. Strong communication skills, familiarity with Agile practices.

Work Environment

The work environment and location are flexible, but would anticipate a number of face-to-face meetings along with frequent electronic communication as a minimum.