



The National Institute for Occupational Safety and Health (NIOSH)

Mining Product: EXAMiner

Original creation date: February 2019

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NOTE: The EXAMiner installers are available again after updates to address a potential software issue. Do not hesitate to [Contact Us](#) to report any issues. Your feedback always makes our products better. Thanks for your patience.

EXAMiner allows mineworkers to search for hazards by performing a virtual workplace examination with the goal of finding as many hazards as possible. The interactive PC-based application can be used with the 30-plus preloaded images of scenes from four locations at a stone surface mine—in the pit, at the plant, in the shop, and along mine roadways—or trainers can upload their own panoramic images.

The software was designed to be used by trainers during Part 46 annual refresher training, quarterly training meetings, or pre-shift toolbox talks.

There are two options to create a training session:

1. Choose scenes created by NIOSH and have mineworkers perform a virtual examination at one of four locations at a surface stone mine. These include the pit, at the plant, in the shop, and along haul roads and other mine roadways.
2. Import your own panoramic pictures to create customized site-specific scenes to use as training materials at any type of mine, in any sector. This provides the capability to create training materials that address specific hazards your mineworkers are encountering in the workplace. This provides the ability to continually add content to the software, importing as many panoramic pictures as are available to address the changing needs of your mineworkers.

After completing a workplace examination, mineworkers receive feedback on their performance and are provided additional information to reinforce their knowledge of mine site hazards.

What's new in Version 1.1.1:

- Bug fixes
- Update to metrics capture
- Security updates



Software (Windows) - July 2022

Version: 1.1.1

- [x64 Installer \(319.19 MB\)](#)
- [x86 Installer \(307.24 MB\)](#)

NIOSHTIC2 Number: [20058879](#)

Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, 2019 Jan: PC software, DHHS (NIOSH) Publication No. 2020-116

Feature History



New in Version 1.1.0:

- Bug fixes related to saving files
- Security updates
- Fix crash when theme preferences cannot be saved
- Fix crash when debriefing a scene with a deleted hazard

Important notes about the official 1.0 release:

- This version of EXAMiner requires:
 - 2 Gigahertz (GHz) or faster processor (64 or 32-bit)
 - 6 GB RAM or greater and 350 MB hard disk space
 - Windows 7 SP1 (64 or 32-bit) or newer
- This official released version will not be compatible with scenarios created with the early-tester Beta release.
- A scenario sharing feature has been integrated into the software.

EXAMiner installation instructions:

- Download and unzip the installer to a local folder.
- Open the Installer folder and run **EXAMiner Setup.exe**. (Administrative rights required)
- For installation help [email NIOSH Mining](#).
- Refer to the [EXAMiner Quick Start Guide](#)  for guidance on creating a scenario using NIOSH-supplied scenes and conducting a workplace examination search task.

EXAMiner in the news:

- EXAMiner is a finalist in the [International Media Festival for Prevention 2021](#). 
It is 1 of 18 products to make it to this final round. EXAMiner is competing against two other products in the "Walk a mile in their shoes" category.
- News report on [CORESafety TV](#) 
- Feature in [Aggregates Manager](#) 
- News feature on [WorkersCompensation.com](#) 
- Feature in [National Safety Council's Safety + Health magazine](#) 
- News item on [J.J. Keller regulation compliance website](#) 
- Mining safety news item on [Mine Technology website](#) 
- Industry news item on [American Industrial Hygiene Association website](#) 
- News item on [Rock Road Recycle website](#) 
- Blog entry on [Worksite Medical: Occupational Health in Motion](#) 
- Safety update from [Ohio Bureau of Workers' Compensation Library](#)  

Page last reviewed: 6/28/2022 Page last updated: 7/19/2022