

# MEDICAL ONLINE RESEARCH RECORDER



# CANCER RESEARCH

- COMPLEX  
BUT CRITICAL.



**IMPROVE  
EFFICIENCY  
THROUGH  
PREDICTION.**



**DATA  
SCIENCE  
REQUIRES  
DATA.**



**COLLECT  
DATA  
WITHOUT  
DISRUPTING  
RESEARCH.**



**FOR  
WHOM?**

**DOCTORS  
& DATA  
SCIENTISTS.**



**WHAT?**

**MEDICAL  
ONLINE  
RESEARCH  
RECORDER.**



**HOW?**

**RECORD  
AND  
STORE  
DATA.**









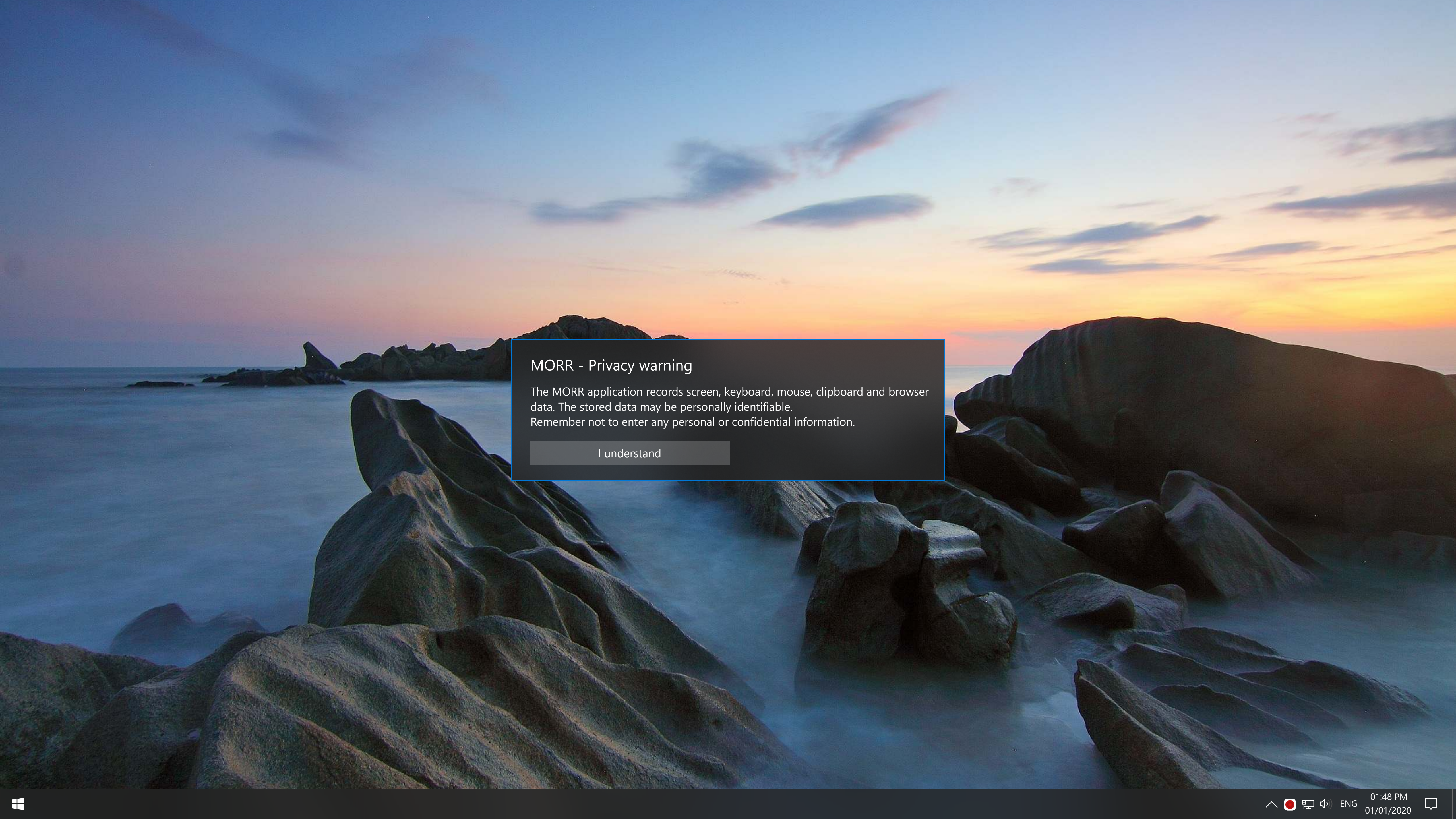
 Start recording

 Open recordings folder

Quit

Ctrl+Alt+F1





MORR - Privacy warning

The MORR application records screen, keyboard, mouse, clipboard and browser data. The stored data may be personally identifiable. Remember not to enter any personal or confidential information.


I understand










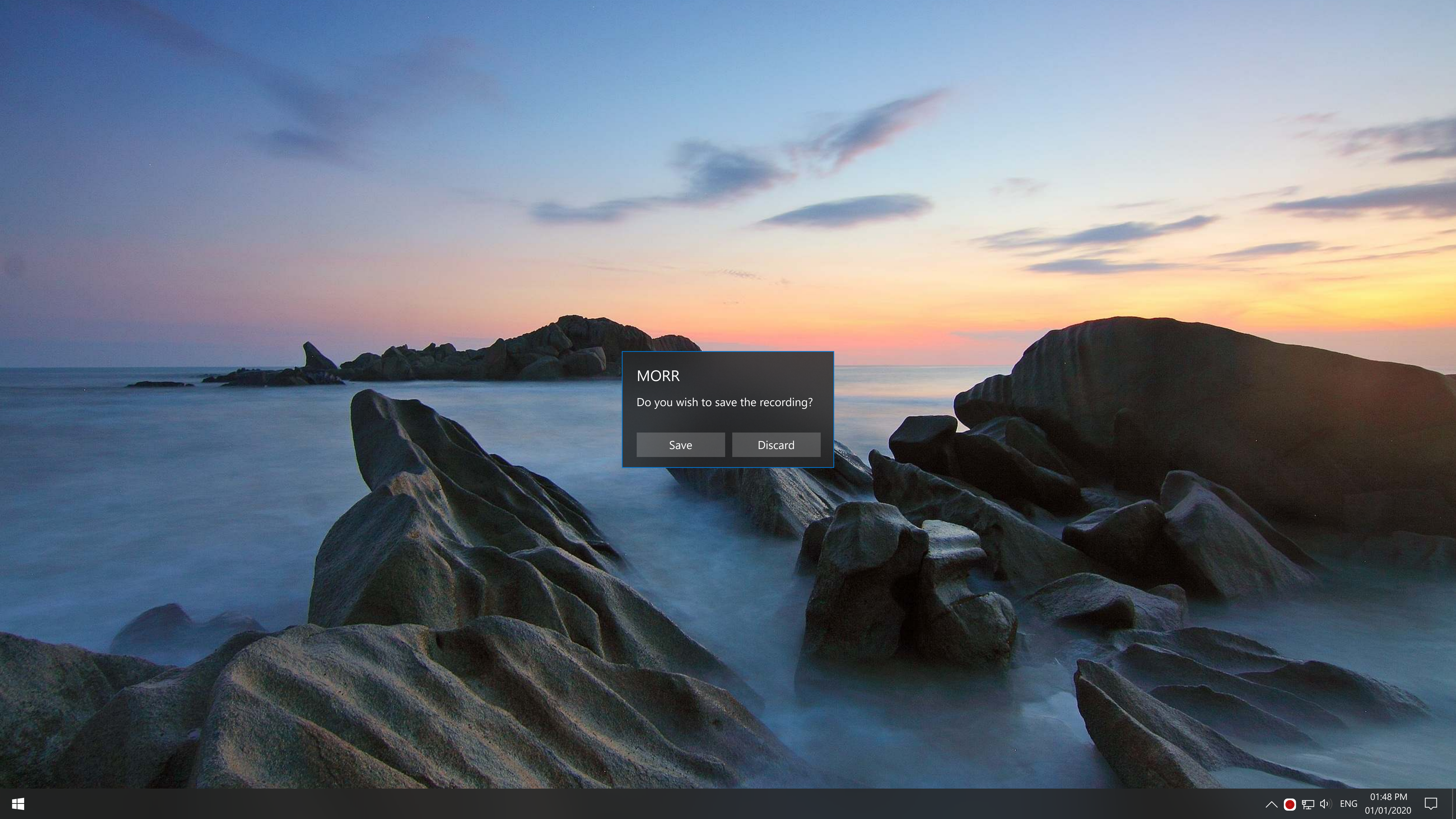
 Stop recording

 Open recordings folder

Quit

Ctrl+Alt+F1





MORR

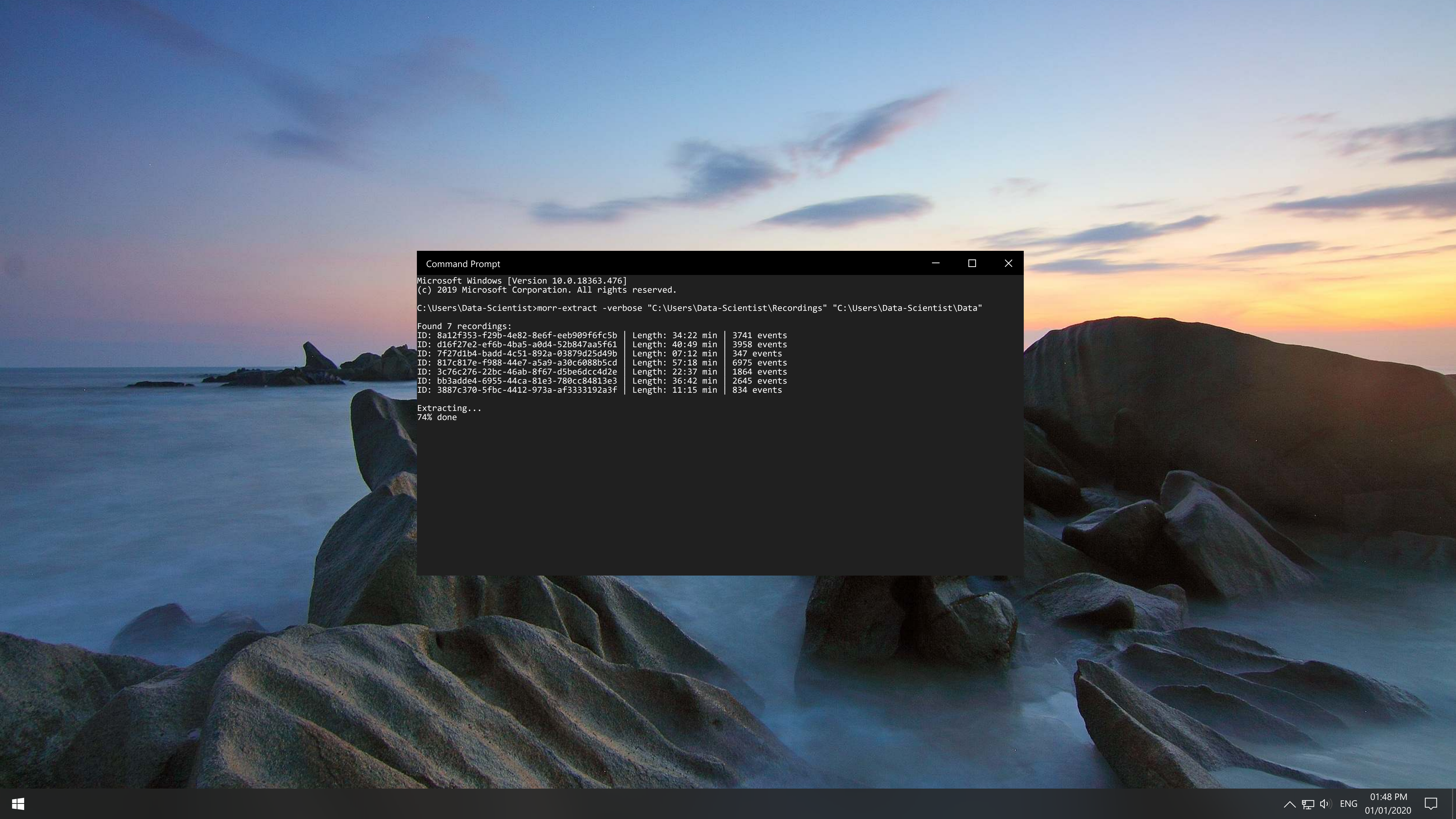
Do you wish to save the recording?

Save

Discard







```
Command Prompt
Microsoft Windows [Version 10.0.18363.476]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\Data-Scientist>morrx-extract -verbose "C:\Users\Data-Scientist\Recordings" "C:\Users\Data-Scientist\Data"

Found 7 recordings:
ID: 8a12f353-f29b-4e82-8e6f-eeb909f6fc5b | Length: 34:22 min | 3741 events
ID: d16f27e2-ef6b-4ba5-a0d4-52b847aa5f61 | Length: 40:49 min | 3958 events
ID: 7f27d1b4-badd-4c51-892a-03879d25d49b | Length: 07:12 min | 347 events
ID: 817c817e-f988-44e7-a5a9-a30c6088b5cd | Length: 57:18 min | 6975 events
ID: 3c76c276-22bc-46ab-8f67-d5be6dcc4d2e | Length: 22:37 min | 1864 events
ID: bb3adde4-6955-44ca-81e3-780cc84813e3 | Length: 36:42 min | 2645 events
ID: 3887c370-5fbc-4412-973a-af3333192a3f | Length: 11:15 min | 834 events

Extracting...
74% done
```



**WHY  
USE  
MORR?**



**EASY TO USE  
& DIFFICULT  
TO MISUSE.**



**FAST,  
ROBUST &  
STAYS OUT  
OF THE WAY**



**CUSTOMISABLE,  
EXTENSIBLE  
& MODULAR.**



# INTEGRATED MODULES

- WINDOW MANAGEMENT MODULE
- MOUSE MODULE
- KEYBOARD MODULE
- CLIPBOARD MODULE
- WEB BROWSER MODULE



# WINDOW MANAGEMENT MODULE

- FOCUSING A WINDOW
- MOVING A WINDOW
- RESIZING A WINDOW
- MINIMISING, MAXIMISING, RESTORING A WINDOW



# MOUSE MODULE

- **CLICKING LEFT, MIDDLE, RIGHT MOUSE BUTTON**
- **USING THE SCROLLWHEEL**
- **MOVING THE MOUSE**



# KEYBOARD MODULE

- **PRESSING, RELEASING KEYS**



# CLIPBOARD MODULE

- **COPYING TO THE CLIPBOARD**
- **PASTING FROM THE CLIPBOARD**



# WEB BROWSER MODULE

- OPENING, SWITCHING, CLOSING TABS
- NAVIGATING TO WEB PAGES
- INPUTTING, SELECTING TEXT
- CLICKING BUTTONS
- HOVERING OVER ELEMENTS
- DOWNLOADING FILES



**DO  
MORE  
WITH  
MORR.**