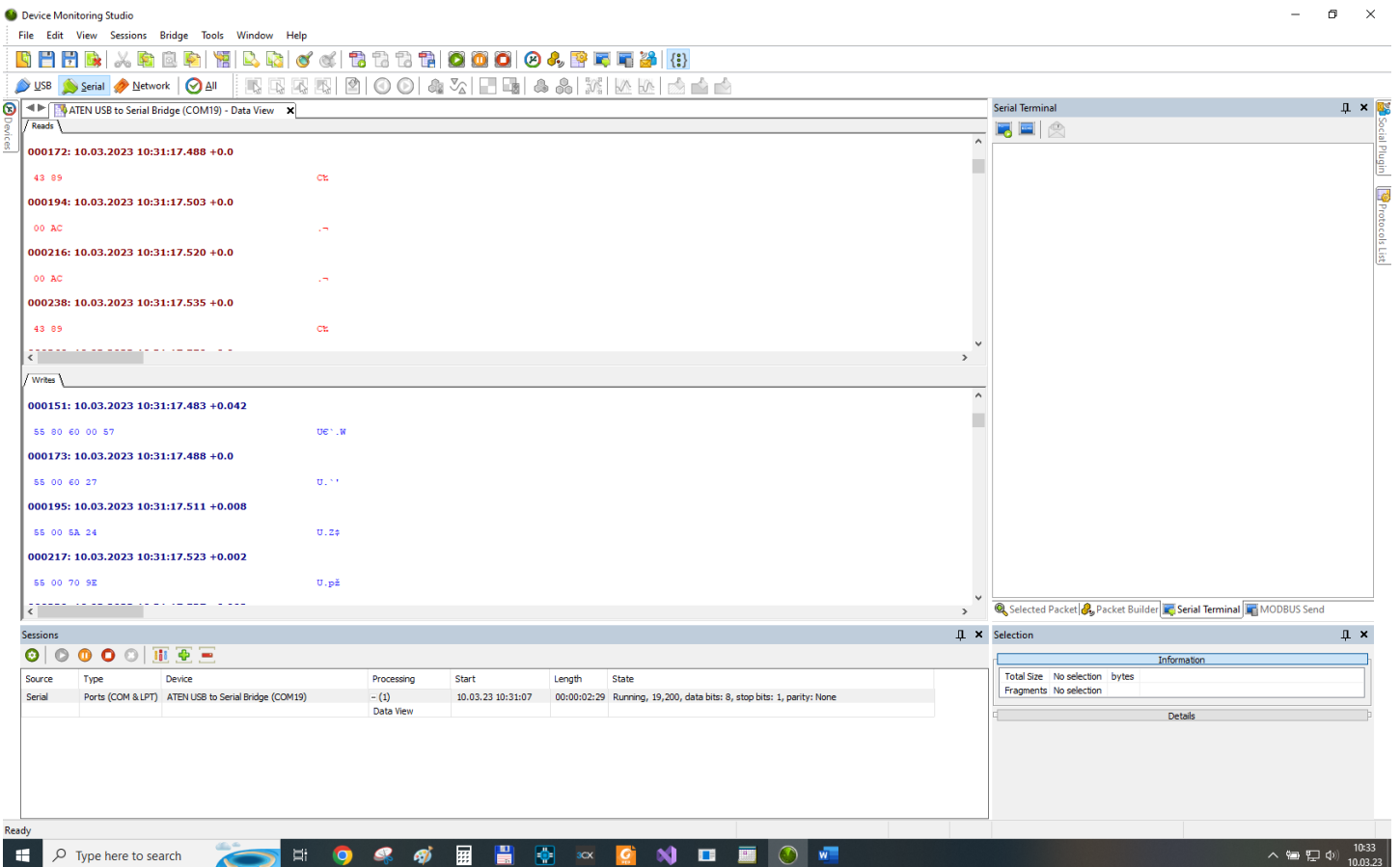


The screenshot shows the Device Monitoring Studio interface. The main window displays a data view for 'ATEN USB to Serial Bridge (COM19)'. It is divided into 'Reads' and 'Writes' sections. The 'Reads' section shows several data packets with timestamps and hex values. The 'Writes' section shows data being sent to the device, including hex values and ASCII characters. A 'Sessions' table at the bottom provides a summary of the communication.

Source	Type	Device	Processing	Start	Length	State
Serial	Ports (COM & LPT)	ATEN USB to Serial Bridge (COM19)	-(1) Data View	10.03.23 10:31:07	00:00:02:04	Running, 19,200, data bits: 8, stop bits: 1, parity: None



This screenshot shows the Device Monitoring Studio interface at a later point in time. The 'Reads' section now includes data packets with timestamps and hex values. The 'Writes' section shows data being sent to the device, including hex values and ASCII characters. The 'Sessions' table at the bottom is updated with the current session details.

Source	Type	Device	Processing	Start	Length	State
Serial	Ports (COM & LPT)	ATEN USB to Serial Bridge (COM19)	-(1) Data View	10.03.23 10:31:07	00:00:02:29	Running, 19,200, data bits: 8, stop bits: 1, parity: None

The screenshot shows the Device Monitoring Studio interface. The main window displays data logs for 'ATEN USB to Serial Bridge (COM19) - Data View'. The logs are divided into 'Reads' and 'Writes' sections. The 'Reads' section shows several data points with timestamps and values, such as '000260: 10.03.2023 10:31:17.550 +0.0'. The 'Writes' section shows data points with timestamps and values, such as '000239: 10.03.2023 10:31:17.537 +0.002'. Below the logs is a 'Sessions' table with the following data:

Source	Type	Device	Processing	Start	Length	State
Serial	Ports (COM & LPT)	ATEN USB to Serial Bridge (COM19)	-(1) Data View	10.03.23 10:31:07	00:00:02:56	Running, 19,200, data bits: 8, stop bits: 1, parity: None

The right side of the interface shows a 'Serial Terminal' window and a 'Selection' panel with 'Information' and 'Details' tabs. The 'Information' tab shows 'Total Size: No selection bytes' and 'Fragments: No selection'. The Windows taskbar at the bottom shows the time as 10:34 on 10.03.23.

The screenshot shows the Device Monitoring Studio interface. The main window displays data logs for 'ATEN USB to Serial Bridge (COM19) - Data View'. The logs are divided into 'Reads' and 'Writes' sections. The 'Reads' section shows several data points with timestamps and values, such as '000346: 10.03.2023 10:31:17.597 +0.0'. The 'Writes' section shows data points with timestamps and values, such as '000325: 10.03.2023 10:31:17.583 +0.002'. Below the logs is a 'Sessions' table with the following data:

Source	Type	Device	Processing	Start	Length	State
Serial	Ports (COM & LPT)	ATEN USB to Serial Bridge (COM19)	-(1) Data View	10.03.23 10:31:07	00:00:03:46	Running, 19,200, data bits: 8, stop bits: 1, parity: None

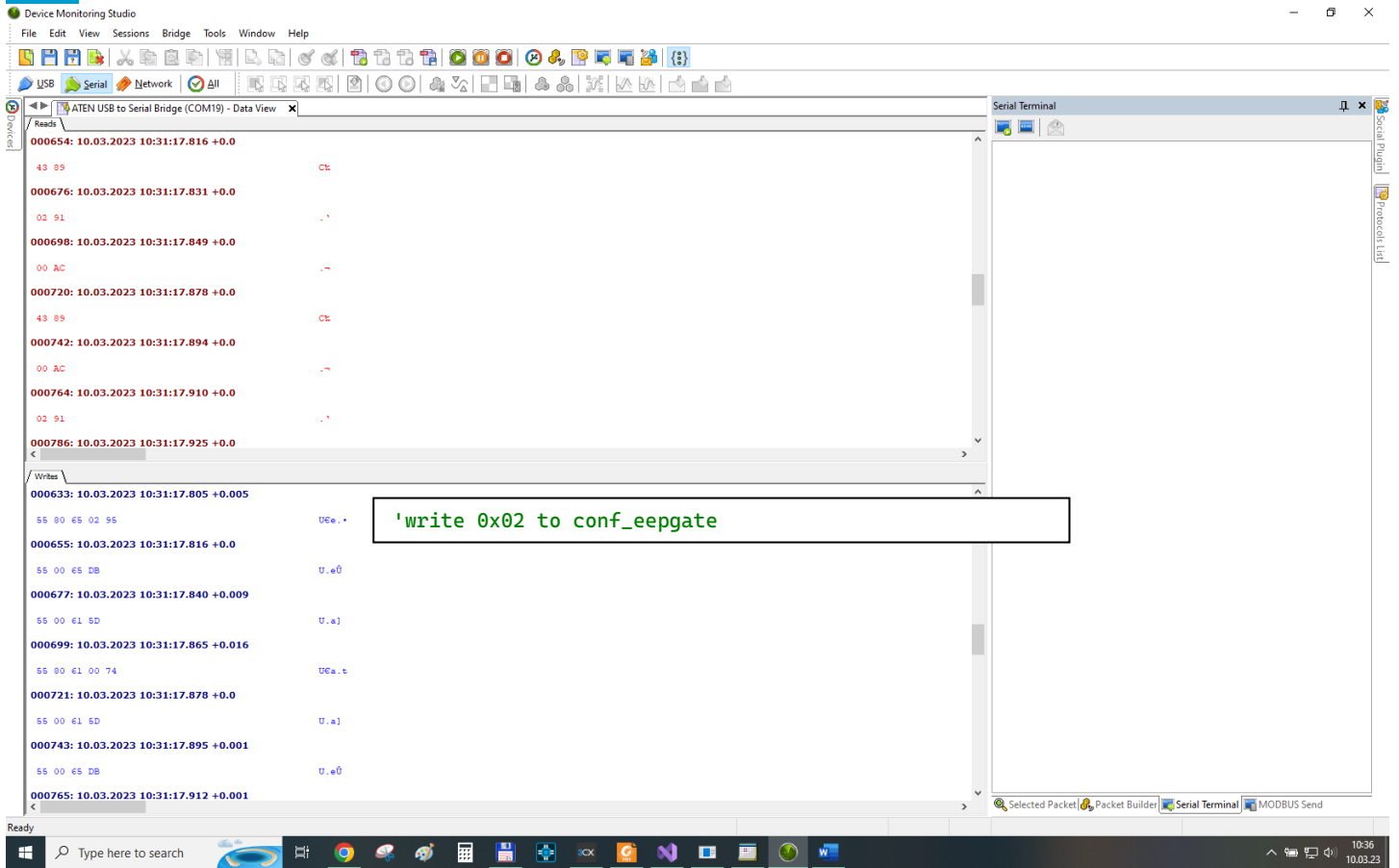
The right side of the interface shows a 'Serial Terminal' window and a 'Selection' panel with 'Information' and 'Details' tabs. The 'Information' tab shows 'Total Size: No selection bytes' and 'Fragments: No selection'. The Windows taskbar at the bottom shows the time as 10:34 on 10.03.23.

The screenshot shows the Device Monitoring Studio interface. The main window displays a log of data received from an ATEN USB to Serial Bridge (COM19). The log is divided into 'Reads' and 'Writes' sections. The 'Reads' section shows several data packets with timestamps and hex values. The 'Writes' section shows data being sent to the device, including hex values and ASCII characters like 'U.a', 'U.e', and 'U.e0'. A 'Sessions' table at the bottom provides details about the active session.

Source	Type	Device	Processing	Start	Length	State
Serial	Ports (COM & LPT)	ATEN USB to Serial Bridge (COM19)	- (1) Data View	10.03.23 10:31:07	00:00:04:03	Running, 19,200, data bits: 8, stop bits: 1, parity: None

This screenshot is similar to the one above but highlights a specific write operation. A callout box points to the following line in the 'Writes' section of the log:

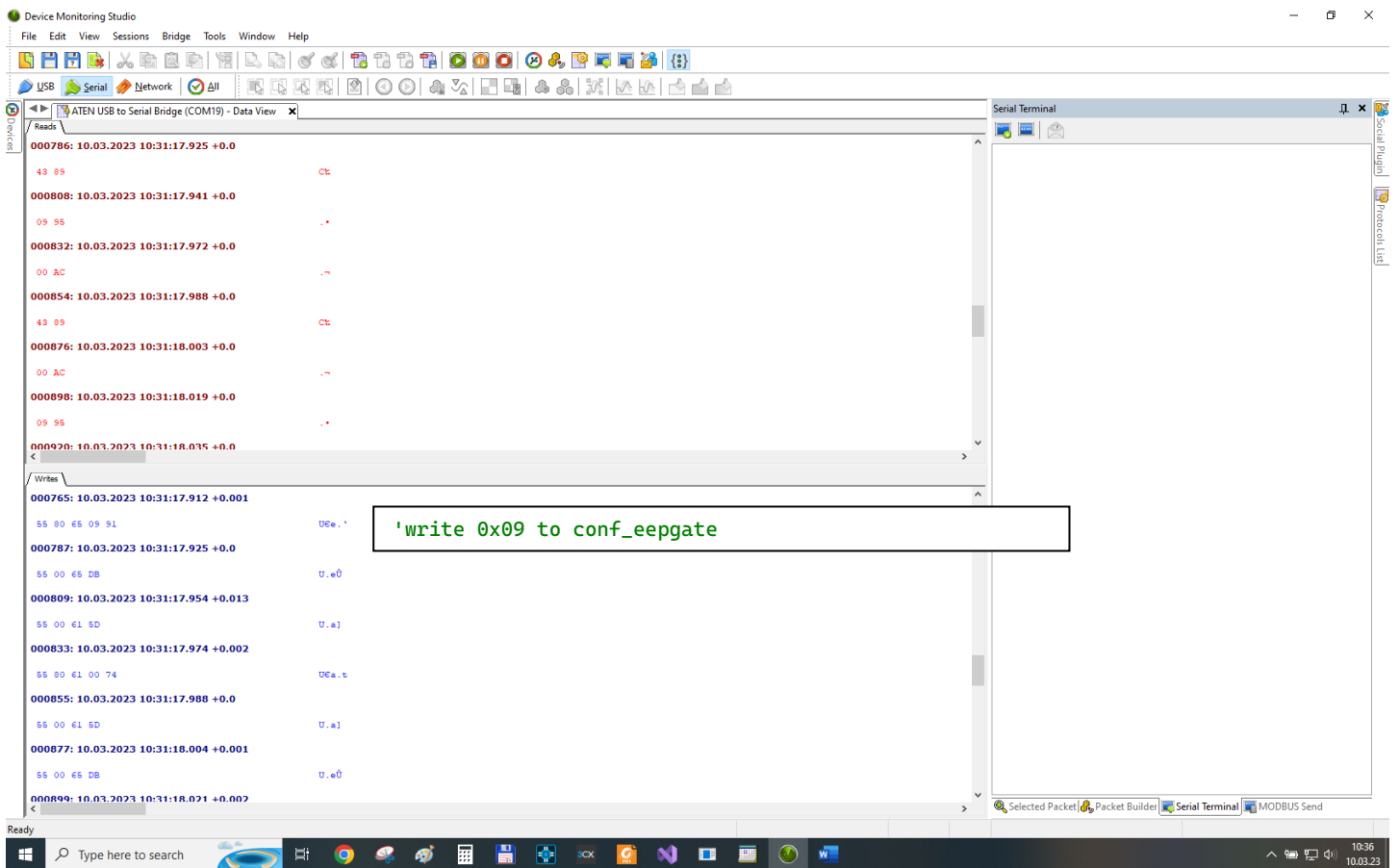
```
000501: 10.03.2023 10:31:17.707 +0.001  
55 00 65 05 91 U.e . 'write 0x09 to conf_eepgate
```



The screenshot shows the Device Monitoring Studio interface. The 'Data View' window displays a list of data points. A specific write command is highlighted with a green box:

```
000633: 10.03.2023 10:31:17.805 +0.005  
55 00 65 02 95 U.e.~
```

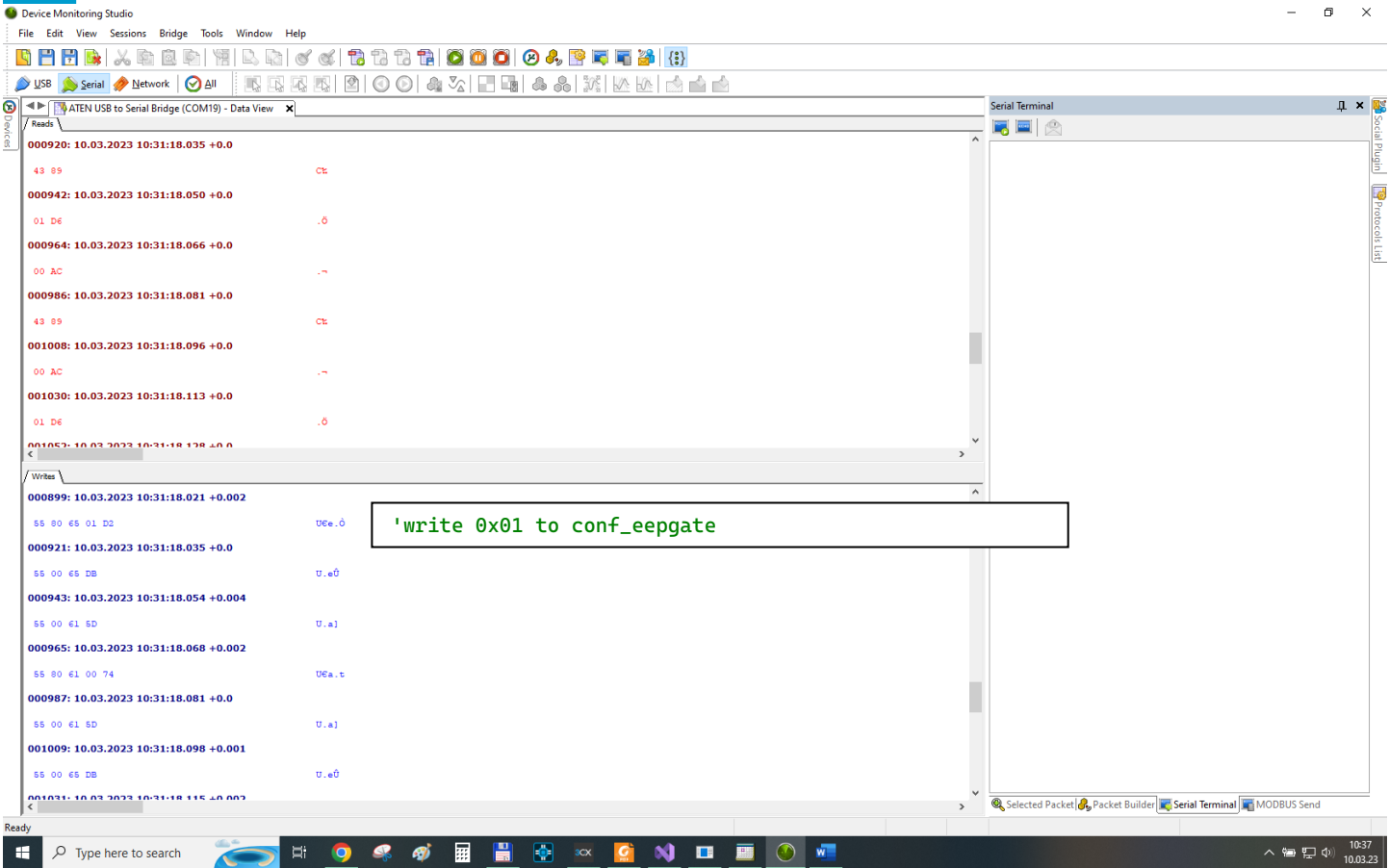
The command is: `'write 0x02 to conf_eepgate'`



The screenshot shows the Device Monitoring Studio interface. The 'Data View' window displays a list of data points. A specific write command is highlighted with a green box:

```
000765: 10.03.2023 10:31:17.912 +0.001  
55 00 65 09 91 U.e.~
```

The command is: `'write 0x09 to conf_eepgate'`

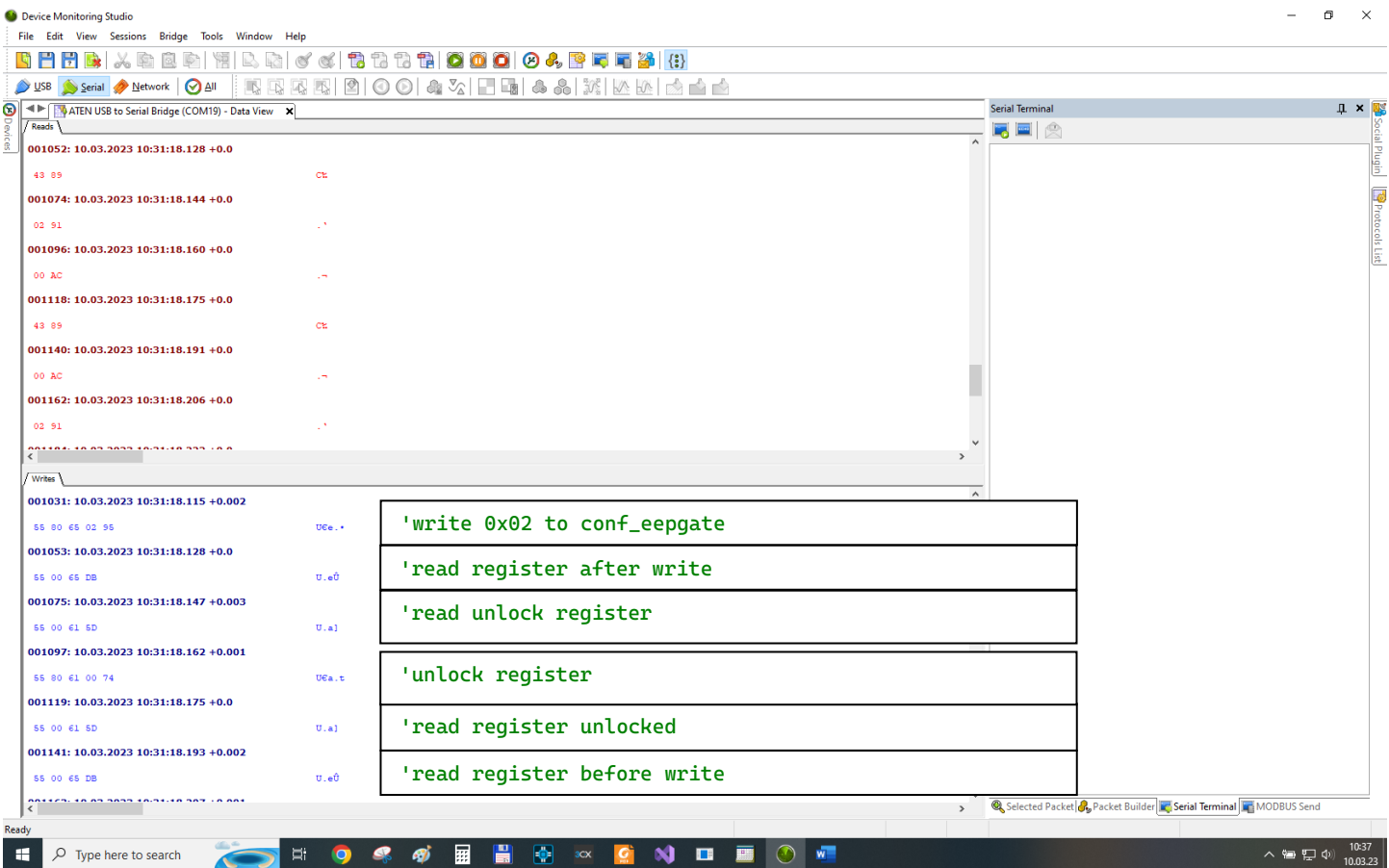


The screenshot shows the Device Monitoring Studio interface. The 'Data View' window displays a list of data points. A specific write command is highlighted with a green box:

```
'write 0x01 to conf_eeppgate'
```

The data view shows the following sequence of events:

- Reads: 000920: 10.03.2023 10:31:18.035 +0.0 (43 89 Ck), 000942: 10.03.2023 10:31:18.050 +0.0 (01 D6 .0), 000964: 10.03.2023 10:31:18.066 +0.0 (00 AC .-), 000986: 10.03.2023 10:31:18.081 +0.0 (43 89 Ck), 001008: 10.03.2023 10:31:18.096 +0.0 (00 AC .-), 001030: 10.03.2023 10:31:18.113 +0.0 (01 D6 .0), 001052: 10.03.2023 10:31:18.128 +0.0 (43 89 Ck).
- Writes: 000899: 10.03.2023 10:31:18.021 +0.002 (55 00 65 01 D2 Uee.0), 000921: 10.03.2023 10:31:18.035 +0.0 (55 00 65 DB U.e0), 000943: 10.03.2023 10:31:18.054 +0.004 (55 00 61 5D U.a1), 000965: 10.03.2023 10:31:18.068 +0.002 (55 00 61 00 74 Uea.t), 000987: 10.03.2023 10:31:18.081 +0.0 (55 00 61 5D U.a1), 001009: 10.03.2023 10:31:18.098 +0.001 (55 00 65 DB U.e0), 001031: 10.03.2023 10:31:18.115 +0.002 (55 00 65 02 95 Uee.\*).



The screenshot shows the Device Monitoring Studio interface. The 'Data View' window displays a list of data points. A sequence of commands is highlighted with green boxes:

```
'write 0x02 to conf_eeppgate'
```

```
'read register after write'
```

```
'read unlock register'
```

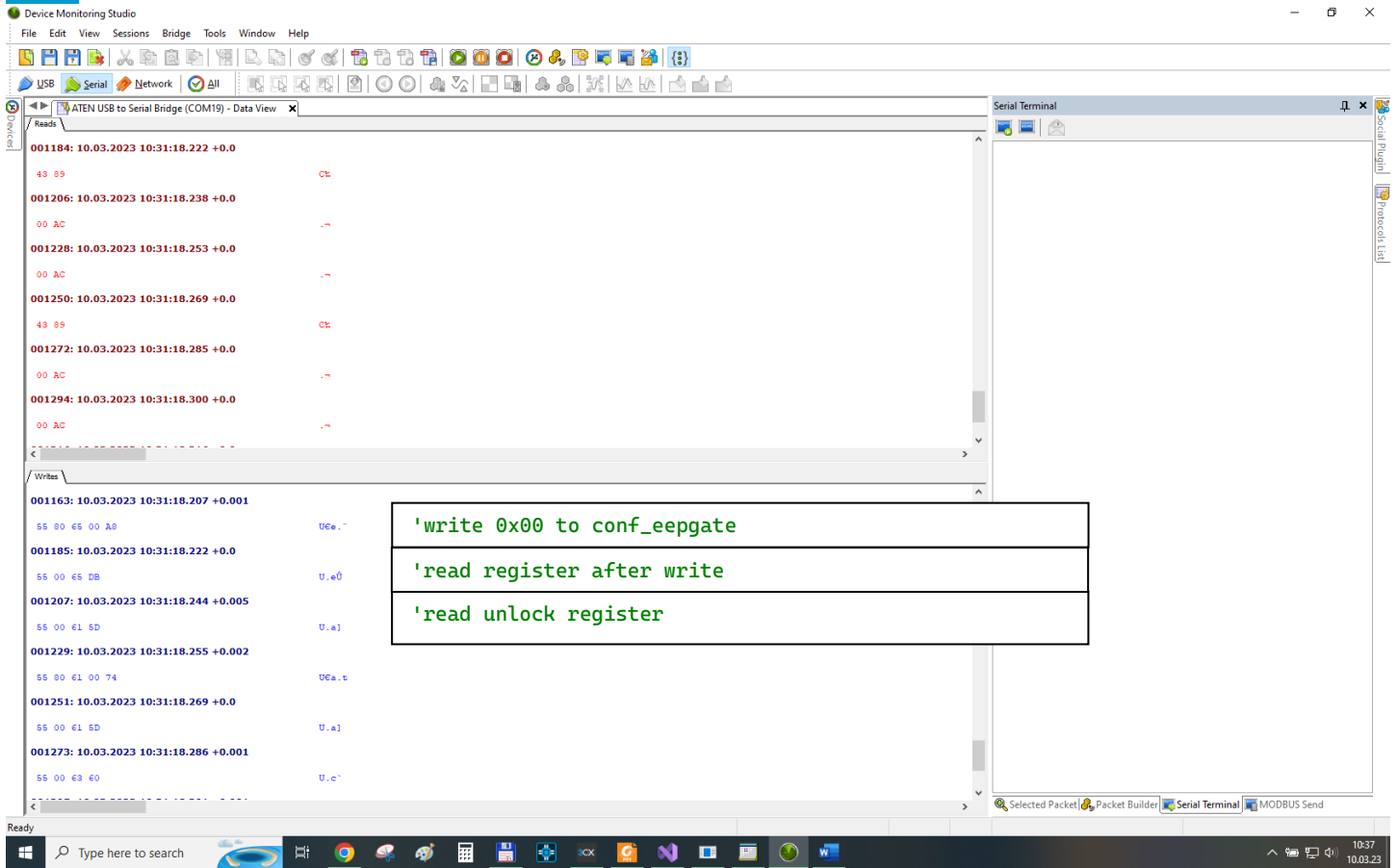
```
'unlock register'
```

```
'read register unlocked'
```

```
'read register before write'
```

The data view shows the following sequence of events:

- Reads: 001052: 10.03.2023 10:31:18.128 +0.0 (43 89 Ck), 001074: 10.03.2023 10:31:18.144 +0.0 (02 91 .-), 001096: 10.03.2023 10:31:18.160 +0.0 (00 AC .-), 001118: 10.03.2023 10:31:18.175 +0.0 (43 89 Ck), 001140: 10.03.2023 10:31:18.191 +0.0 (00 AC .-), 001162: 10.03.2023 10:31:18.206 +0.0 (02 91 .-), 001184: 10.03.2023 10:31:18.222 +0.0 (43 89 Ck).
- Writes: 001031: 10.03.2023 10:31:18.115 +0.002 (55 00 65 02 95 Uee.\*), 001053: 10.03.2023 10:31:18.128 +0.0 (55 00 65 DB U.e0), 001075: 10.03.2023 10:31:18.147 +0.003 (55 00 61 5D U.a1), 001097: 10.03.2023 10:31:18.162 +0.001 (55 80 61 00 74 Uea.t), 001119: 10.03.2023 10:31:18.175 +0.0 (55 00 61 5D U.a1), 001141: 10.03.2023 10:31:18.193 +0.002 (55 00 65 DB U.e0), 001163: 10.03.2023 10:31:18.207 +0.002 (55 00 65 02 95 Uee.\*).



Device Monitoring Studio - ATEN USB to Serial Bridge (COM19) - Data View

Reads:

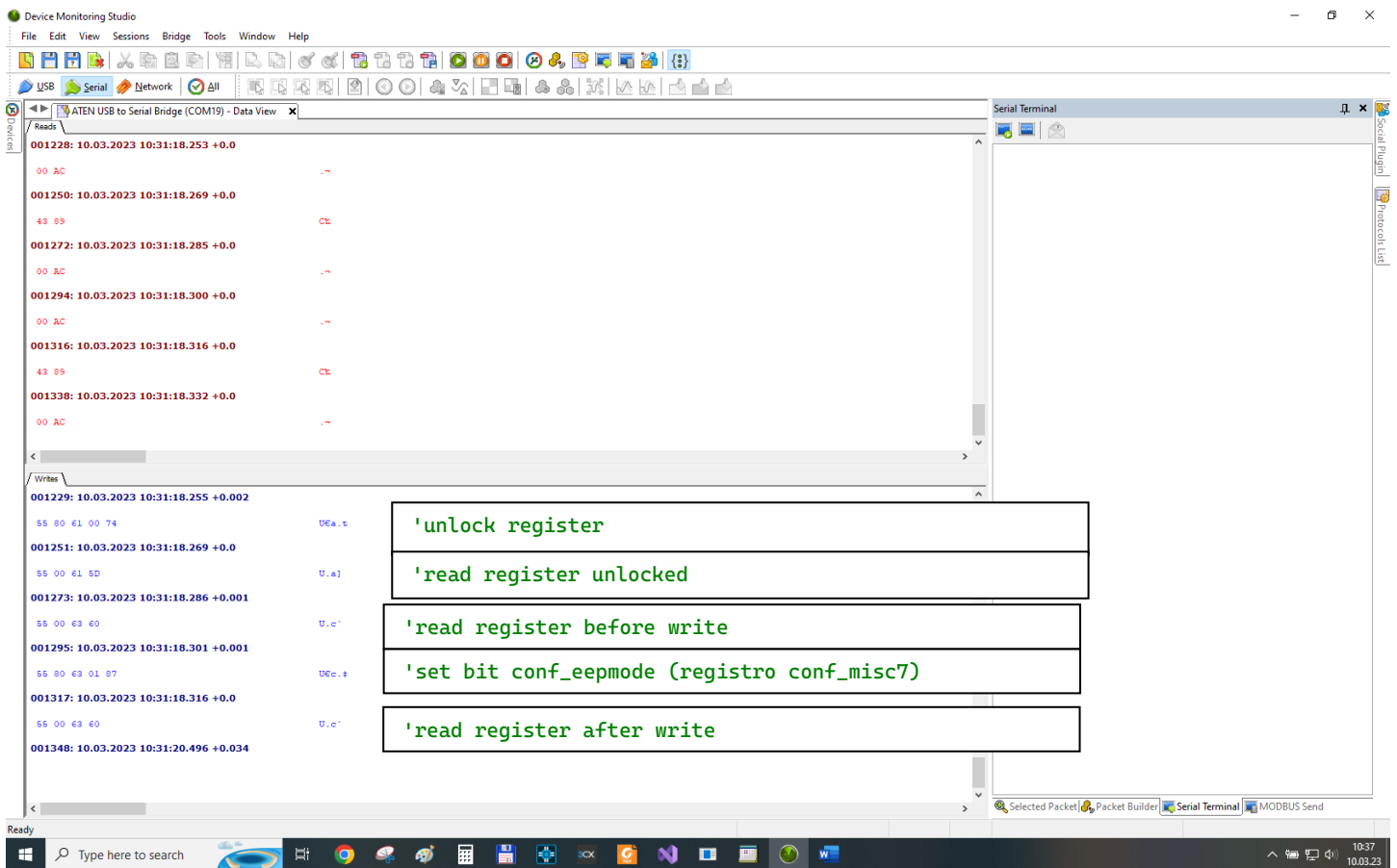
- 001184: 10.03.2023 10:31:18.222 +0.0
- 001206: 10.03.2023 10:31:18.238 +0.0
- 001228: 10.03.2023 10:31:18.253 +0.0
- 001250: 10.03.2023 10:31:18.269 +0.0
- 001272: 10.03.2023 10:31:18.285 +0.0
- 001294: 10.03.2023 10:31:18.300 +0.0

Writes:

- 001163: 10.03.2023 10:31:18.207 +0.001  
55 80 65 00 A8 00e.-
- 001185: 10.03.2023 10:31:18.222 +0.0  
55 00 65 DB U.e0
- 001207: 10.03.2023 10:31:18.244 +0.005  
55 00 61 5D U.a1
- 001229: 10.03.2023 10:31:18.255 +0.002  
55 00 61 00 74 00e.a
- 001251: 10.03.2023 10:31:18.269 +0.0  
55 00 61 5D U.a1
- 001273: 10.03.2023 10:31:18.286 +0.001  
55 00 63 60 U.c-

Callouts:

- 'write 0x00 to conf\_eeppgate'
- 'read register after write'
- 'read unlock register'



Device Monitoring Studio - ATEN USB to Serial Bridge (COM19) - Data View

Reads:

- 001228: 10.03.2023 10:31:18.253 +0.0
- 001250: 10.03.2023 10:31:18.269 +0.0
- 001272: 10.03.2023 10:31:18.285 +0.0
- 001294: 10.03.2023 10:31:18.300 +0.0
- 001316: 10.03.2023 10:31:18.316 +0.0
- 001338: 10.03.2023 10:31:18.332 +0.0

Writes:

- 001229: 10.03.2023 10:31:18.255 +0.002  
55 80 61 00 74 00e.a
- 001251: 10.03.2023 10:31:18.269 +0.0  
55 00 61 5D U.a1
- 001273: 10.03.2023 10:31:18.286 +0.001  
55 00 63 60 U.c-
- 001295: 10.03.2023 10:31:18.301 +0.001  
55 00 63 01 87 00e.c
- 001317: 10.03.2023 10:31:18.316 +0.0  
55 00 63 60 U.c-
- 001348: 10.03.2023 10:31:20.496 +0.034

Callouts:

- 'unlock register'
- 'read register unlocked'
- 'read register before write'
- 'set bit conf\_eeppmode (registro conf\_misc7)'
- 'read register after write'