

# Bosch Connected World 2020 showcase

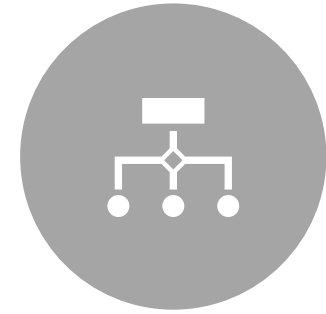


**BCW20** Platinum Partner  
Feb 19-20 **Booth 13**

# BCW20 – Presented use cases



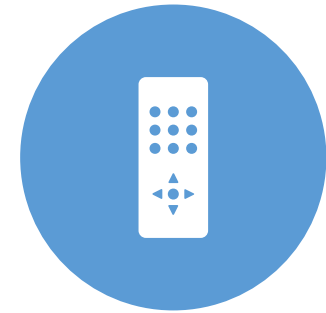
REMOTE MONITORING OF  
TIGHTENING PROCESSES



ARCHIVING OF  
TIGHTENING PROCESS  
RESULTS

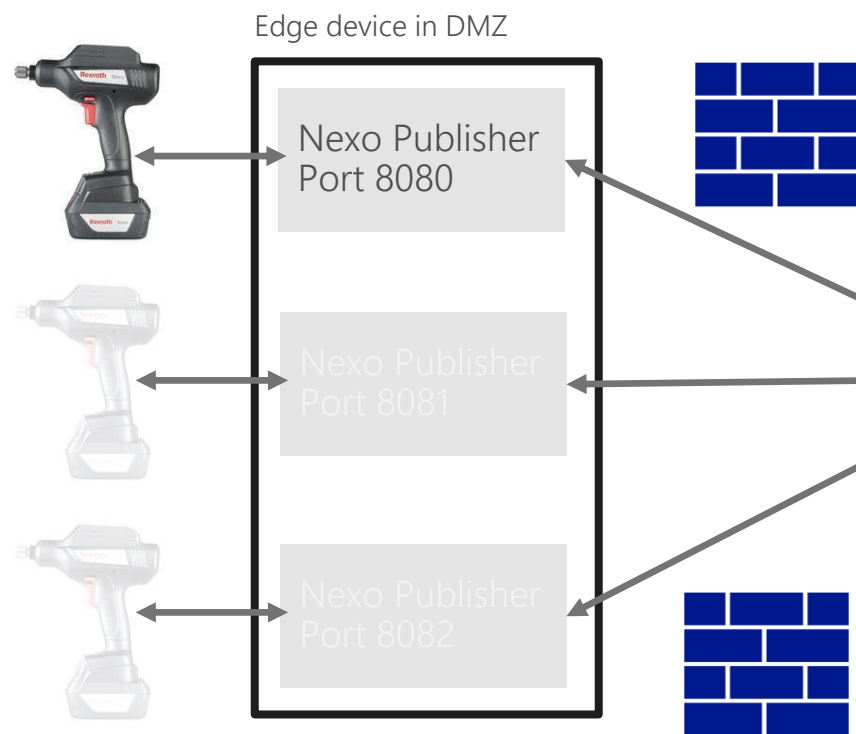


DEVICE HEALTH STATUS  
REMOTE MONITORING

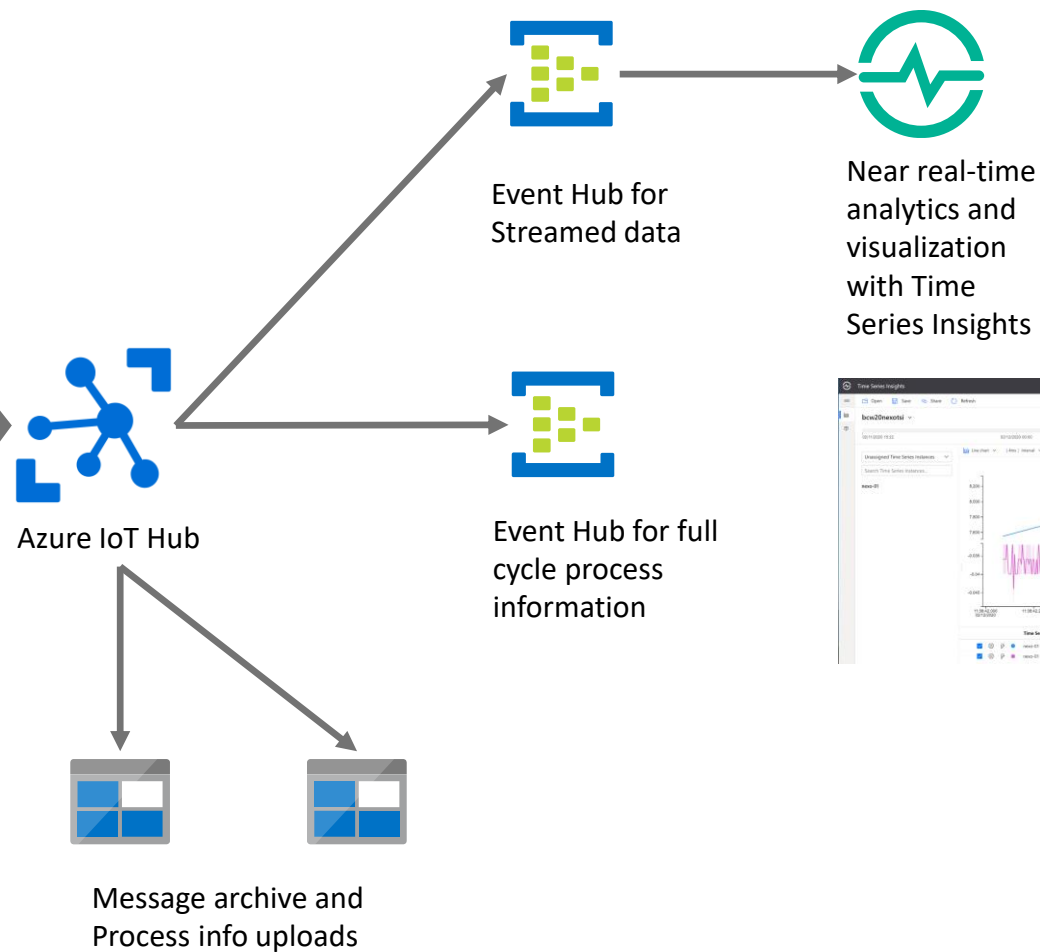


REMOTE CONTROL

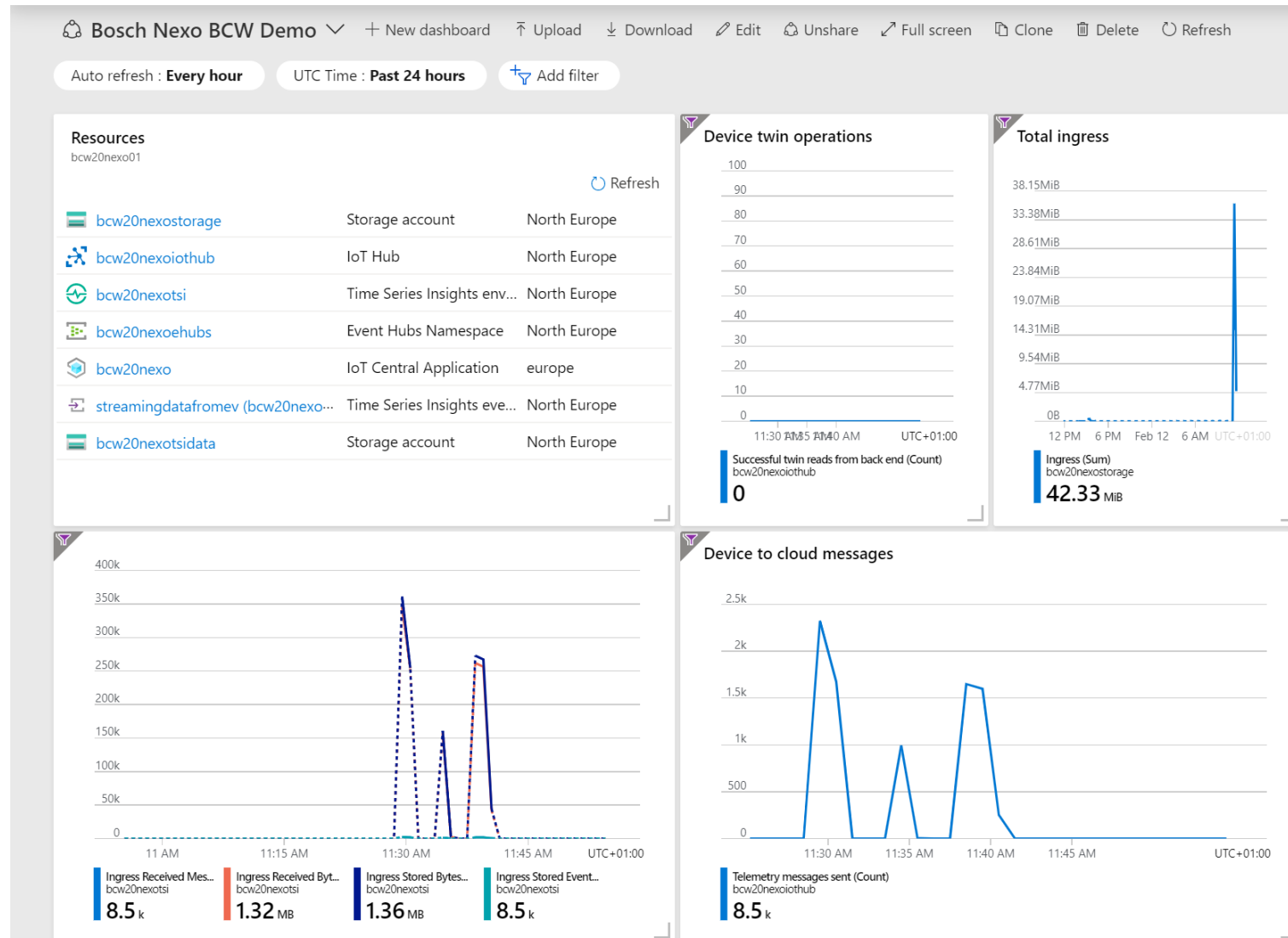
## BCW 20–Connected Smart Nexo showcase



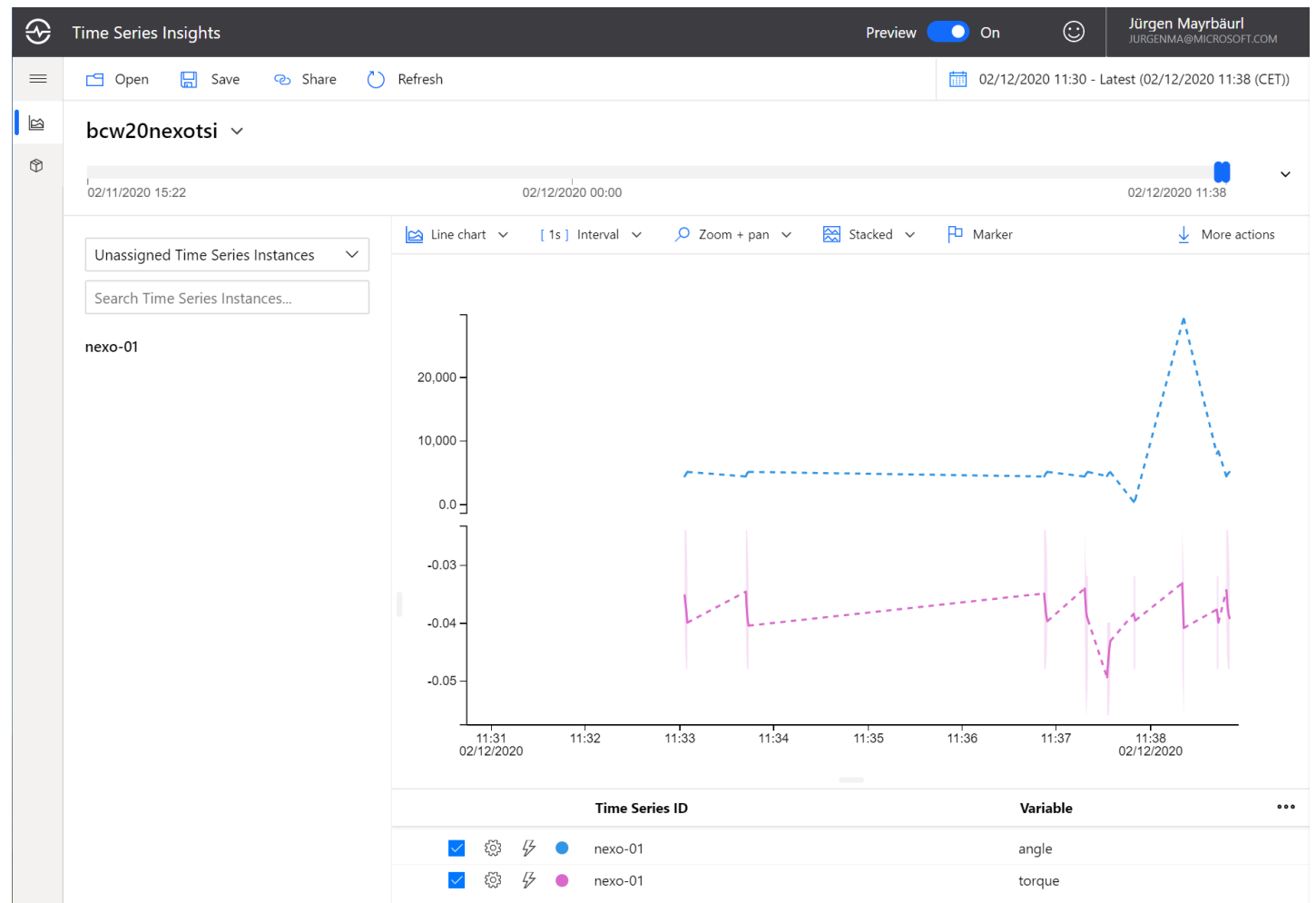
Multiple Nexo  
tightening  
devices  
connected over  
local WLAN



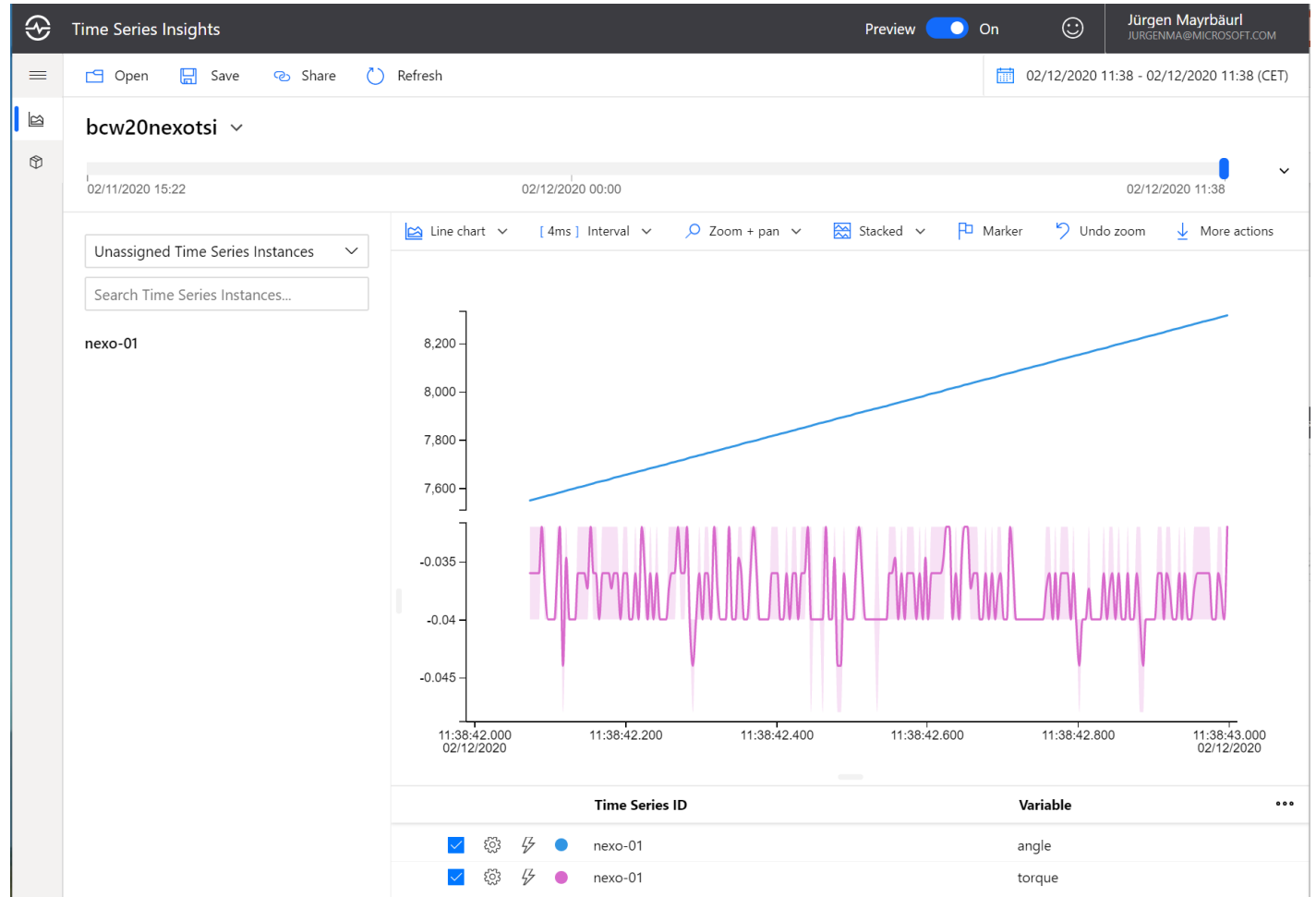
# BCW 20 Azure Dashboard



# BCW 20 Time Series Insights



# BCW 20 Single tightening process



# BCW 20

## Process info

### archive

Microsoft Azure Storage Explorer

File Edit View Help

EXPLORER

Search for resources

Collapse All Refresh All

- Quick Access
- Local & Attached
- Storage Accounts
  - (Attached Containers)
  - (Emulator - Default Ports) (Key)
  - atdpe (Key)
  - bcw20nexostorage (Key)
    - archive**
    - assets
    - processinfo
    - File Shares
    - Queues
    - Tables
    - cdps (Key)
    - nextotestdata (Key)
  - Cosmos DB Accounts (Preview)
  - Data Lake Storage Gen1 (Preview)

archive

Upload Download Open New Folder Copy URL Select All Copy Paste Clone with New Name Delete Undo Create Snapshot More

Active blobs (default) archive nexo-01 Search by prefix (case-sensitive)

Name	Access Tier	Access Tier Last Modified	Last Modified	Blob Type	Content Type	Size	Status
Cycle_0.json	Hot (inferred)		2/12/2020, 11:27:36 AM	Block Blob	application/octet-stream	164 B	Active
Cycle_643.json	Hot (inferred)		2/11/2020, 3:16:41 PM	Block Blob	application/octet-stream	17.8 KB	Active
Cycle_644.json	Hot (inferred)		2/11/2020, 3:16:42 PM	Block Blob	application/octet-stream	17.7 KB	Active
Cycle_645.json	Hot (inferred)		2/11/2020, 3:22:50 PM	Block Blob	application/octet-stream	17.7 KB	Active
Cycle_646.json	Hot (inferred)		2/12/2020, 11:28:38 AM	Block Blob	application/octet-stream	17.7 KB	Active
Cycle_647.json	Hot (inferred)		2/12/2020, 11:33:12 AM	Block Blob	application/octet-stream	17.7 KB	Active
Cycle_648.json	Hot (inferred)		2/12/2020, 11:33:51 AM	Block Blob	application/octet-stream	17.7 KB	Active
Cycle_649.json	Hot (inferred)		2/12/2020, 11:37:01 AM	Block Blob	application/octet-stream	17.7 KB	Active
Cycle_650.json	Hot (inferred)		2/12/2020, 11:37:27 AM	Block Blob	application/octet-stream	17.8 KB	Active
Cycle_651.json	Hot (inferred)		2/12/2020, 11:37:41 AM	Block Blob	application/octet-stream	17.1 KB	Active
Cycle_652.json	Hot (inferred)		2/12/2020, 11:37:58 AM	Block Blob	application/octet-stream	16.1 KB	Active
Cycle_653.json	Hot (inferred)		2/12/2020, 11:38:22 AM	Block Blob	application/octet-stream	17.1 KB	Active
Cycle_654.json	Hot (inferred)		2/12/2020, 11:38:43 AM	Block Blob	application/octet-stream	16.6 KB	Active
Cycle_655.json	Hot (inferred)		2/12/2020, 11:38:57 AM	Block Blob	application/octet-stream	17.8 KB	Active

# BCW 20 Device Twin

Microsoft Azure (Preview) [Report a bug](#) Search resources, services, and doc

Dashboard > bcw20nexoiothub - IoT devices > nexo-01 > Device twin

## Device twin

nexo-01

Save Refresh

The device twin for 'nexo-01' is shown below. You can add tags and desired properties to your device twin here. To remove a tag or

```
{
  "deviceId": "nexo-01",
  "etag": "AAAAAAAAAAE=",
  "deviceEtag": "NjY5NDUxNTcz",
  "status": "enabled",
  "statusUpdateTime": "0001-01-01T00:00:00Z",
  "connectionState": "Disconnected",
  "lastActivityTime": "2020-02-12T10:39:04.0156176Z",
  "cloudToDeviceMessageCount": 0,
  "authenticationType": "sas",
  "x509Thumbprint": {
    "primaryThumbprint": null,
    "secondaryThumbprint": null
  },
  "version": 78,
  "properties": {
    "desired": {
      "$metadata": {
        "$lastUpdated": "2020-02-11T13:21:50.2723475Z"
      },
      "$version": 1
    },
    "reported": {
      "numberOfRequest": 3,
      "numberOfDeliveries": 3,
      "ipaddress": "192.168.1.22",
      "wifilevel": -59,
      "batterylevel": 88,

```

Device status gets reported