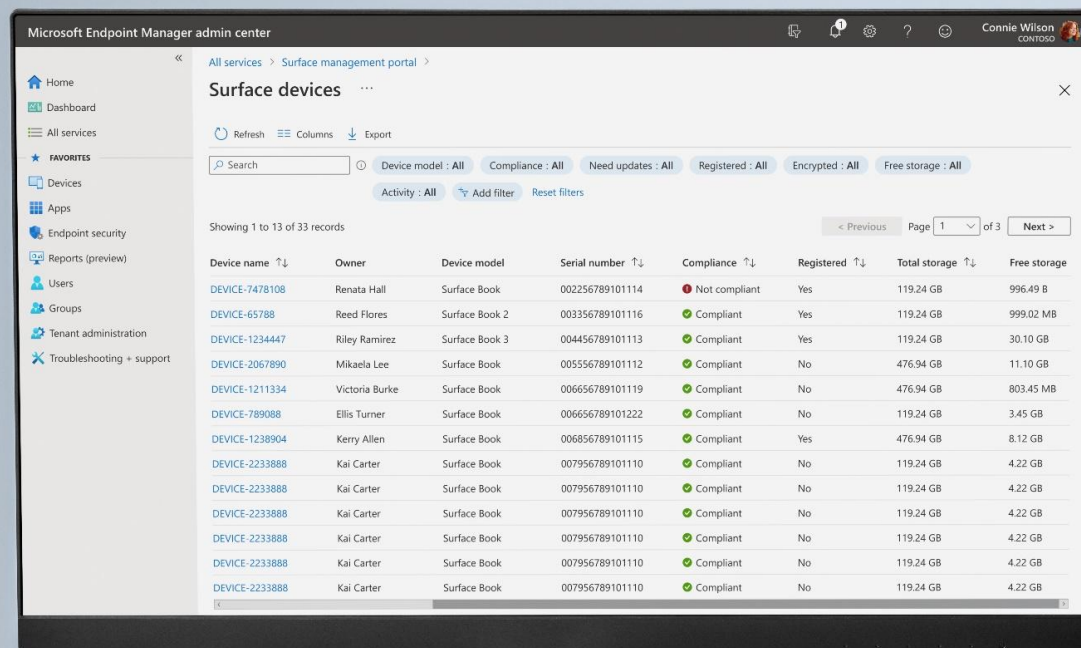
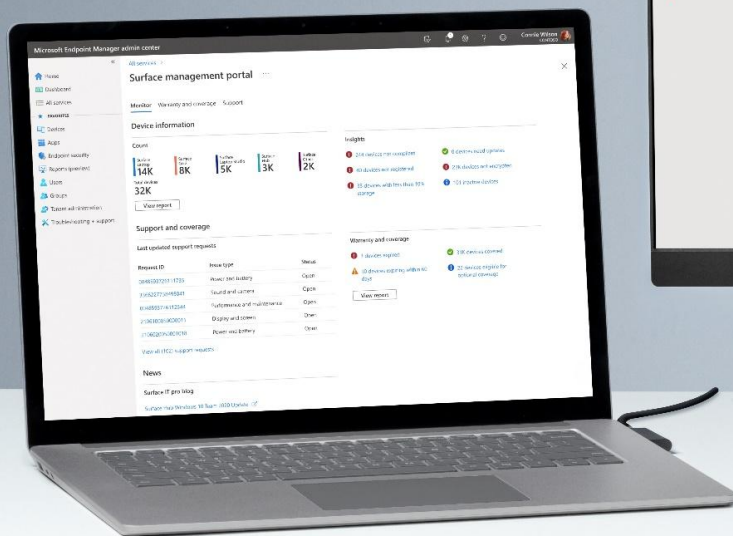




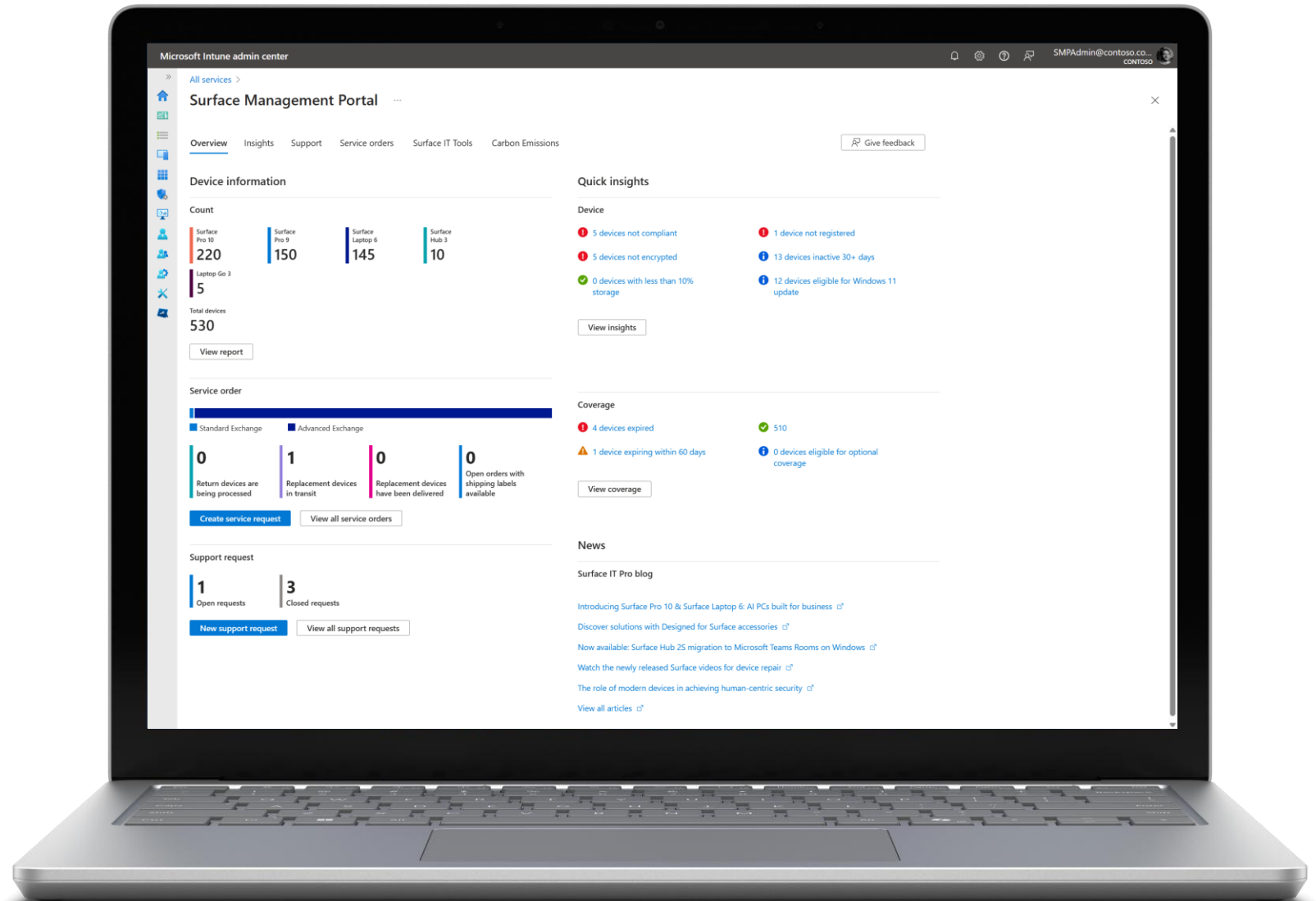
Microsoft Surface Management Portal and DFCI

Gabor Almasi
Microsoft Surface PTS



Surface Management Portal

Microsoft Intune admin center



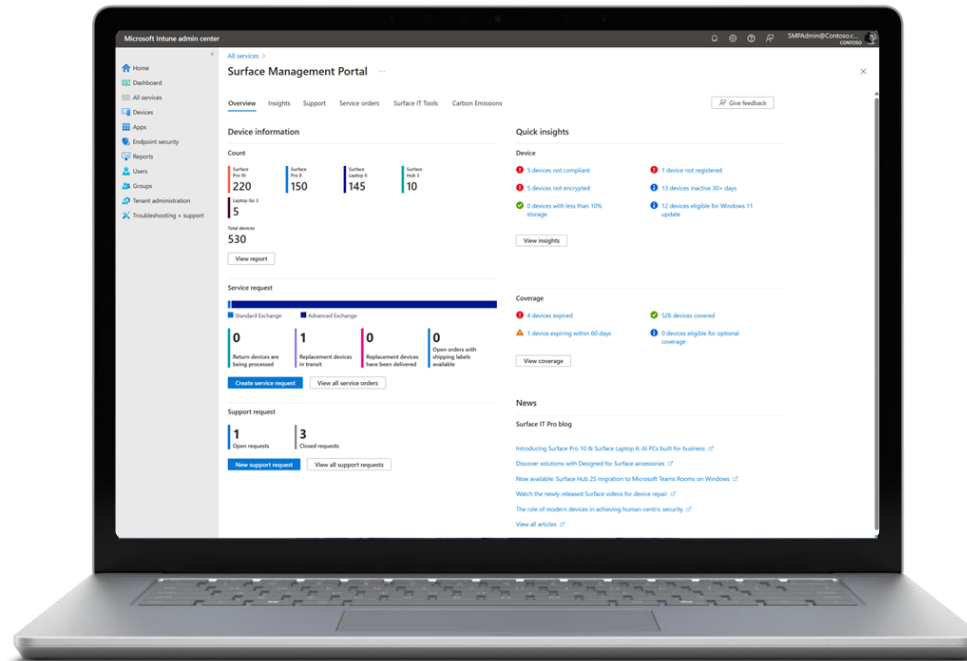
Microsoft Surface Management Portal

Centralized solution for IT admins to manage and monitor Surface devices at scale in Microsoft Intune admin center¹

View insights into the health of all Surface devices in one location

Monitor and manage warranty information

Initiate support and repair requests in one portal²



Find links to important docs, blogs, and tools

Estimate the emissions of your Surface devices

Export details of your Surface devices into 3rd party tools via an API

¹Software license required. Sold Separately.

²Available warranty experience may vary by region and by product.

Getting started with Surface Management Portal



Requirements for Microsoft Surface Management Portal

- Access to Microsoft Intune admin center via appropriate licensing
- Device enrolled through **Intune**
- Surface devices in the estate



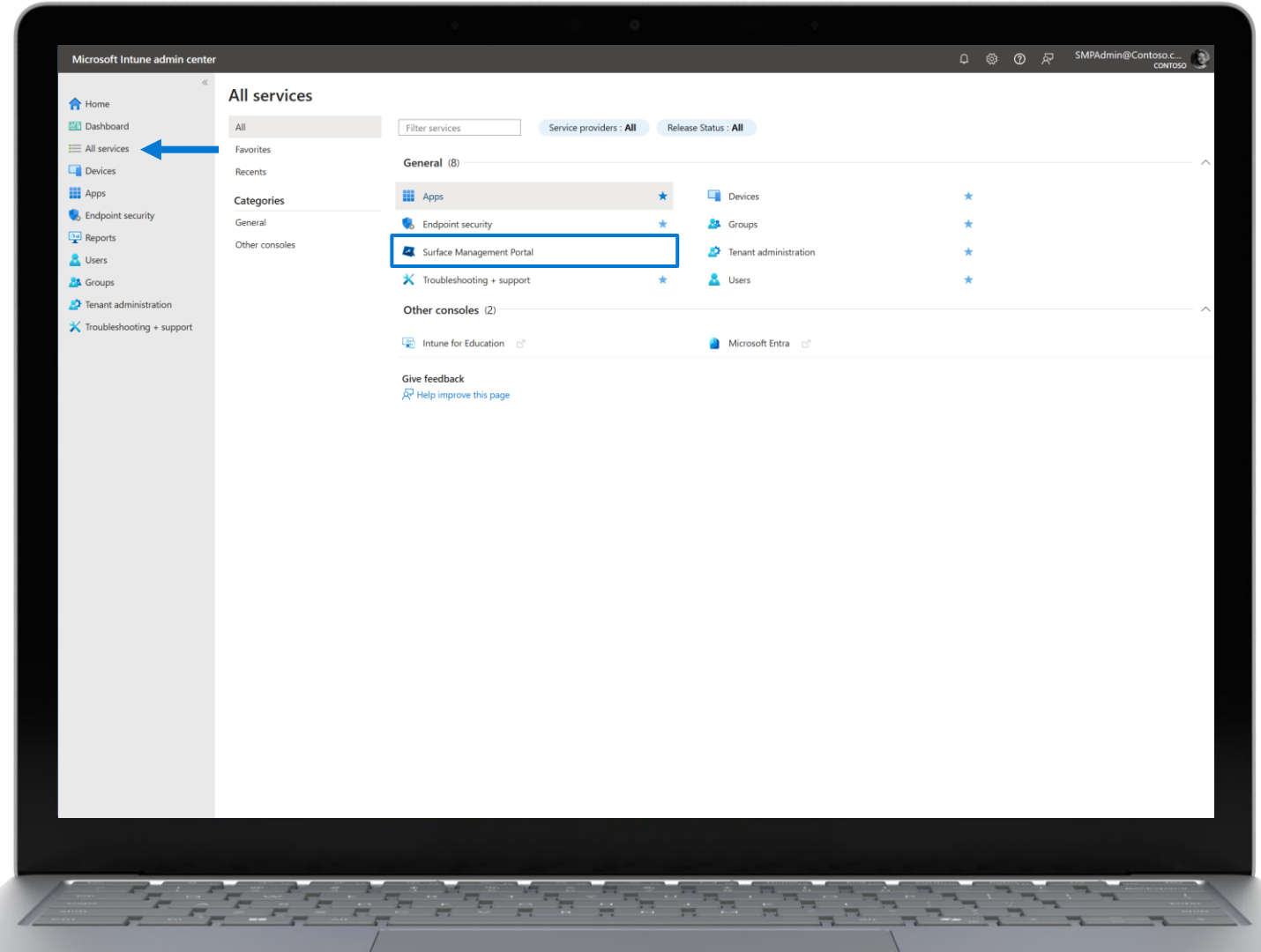
Device Registration

- Devices enrolled through Intune will automatically appear



How to access

- Navigate to [Intune admin center](#) > All services > select [Surface Management Portal](#)



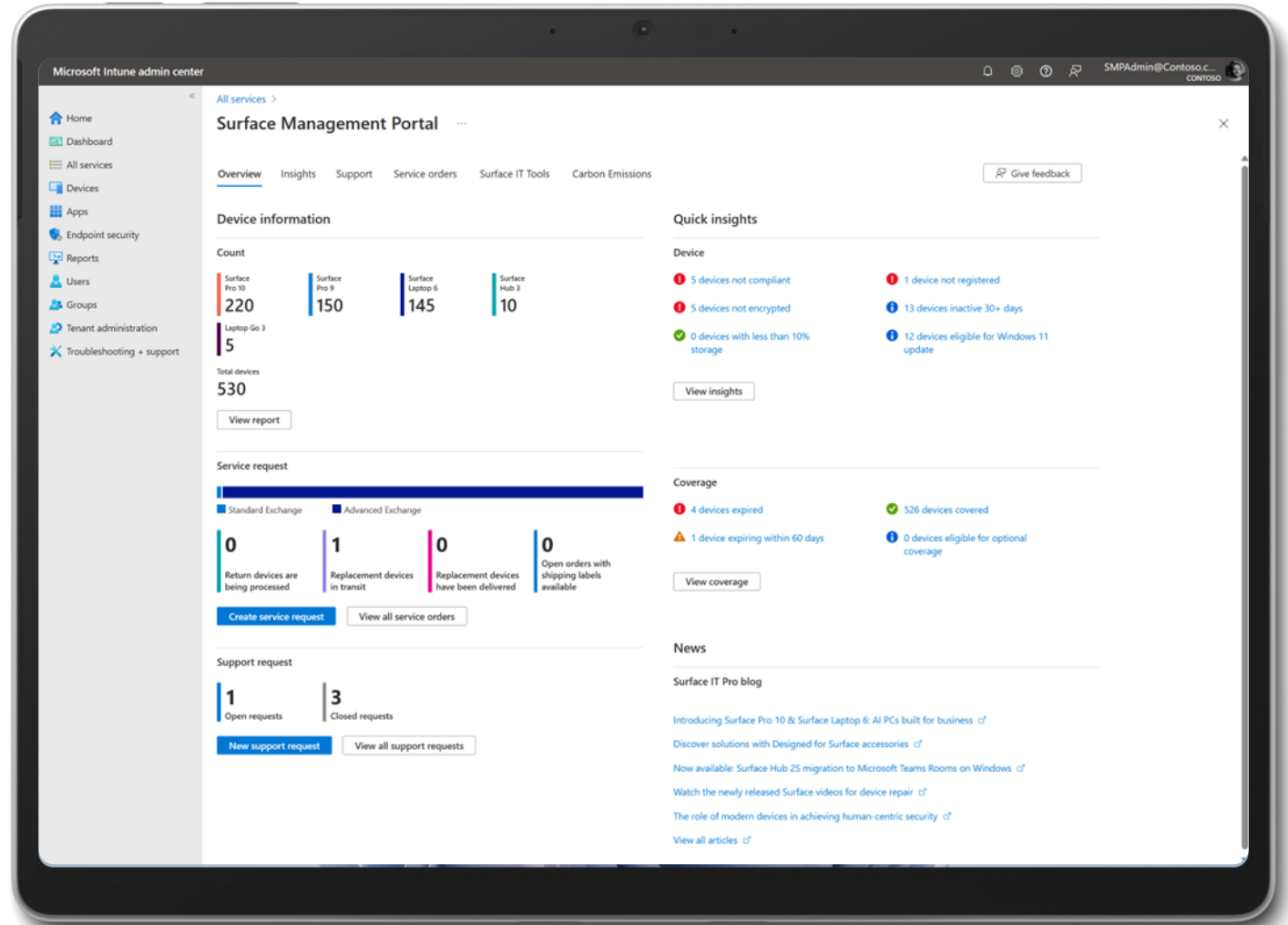
Overview

Surface Management Portal

Summary of critical insights and information, enabling you to quickly focus on essential tasks

Includes a glance at:

- Surface devices registered in Intune
- Service orders and support requests
- Compliance and device state insights
- Warranty and protection plan coverage
- Highlights of our latest blogs and news



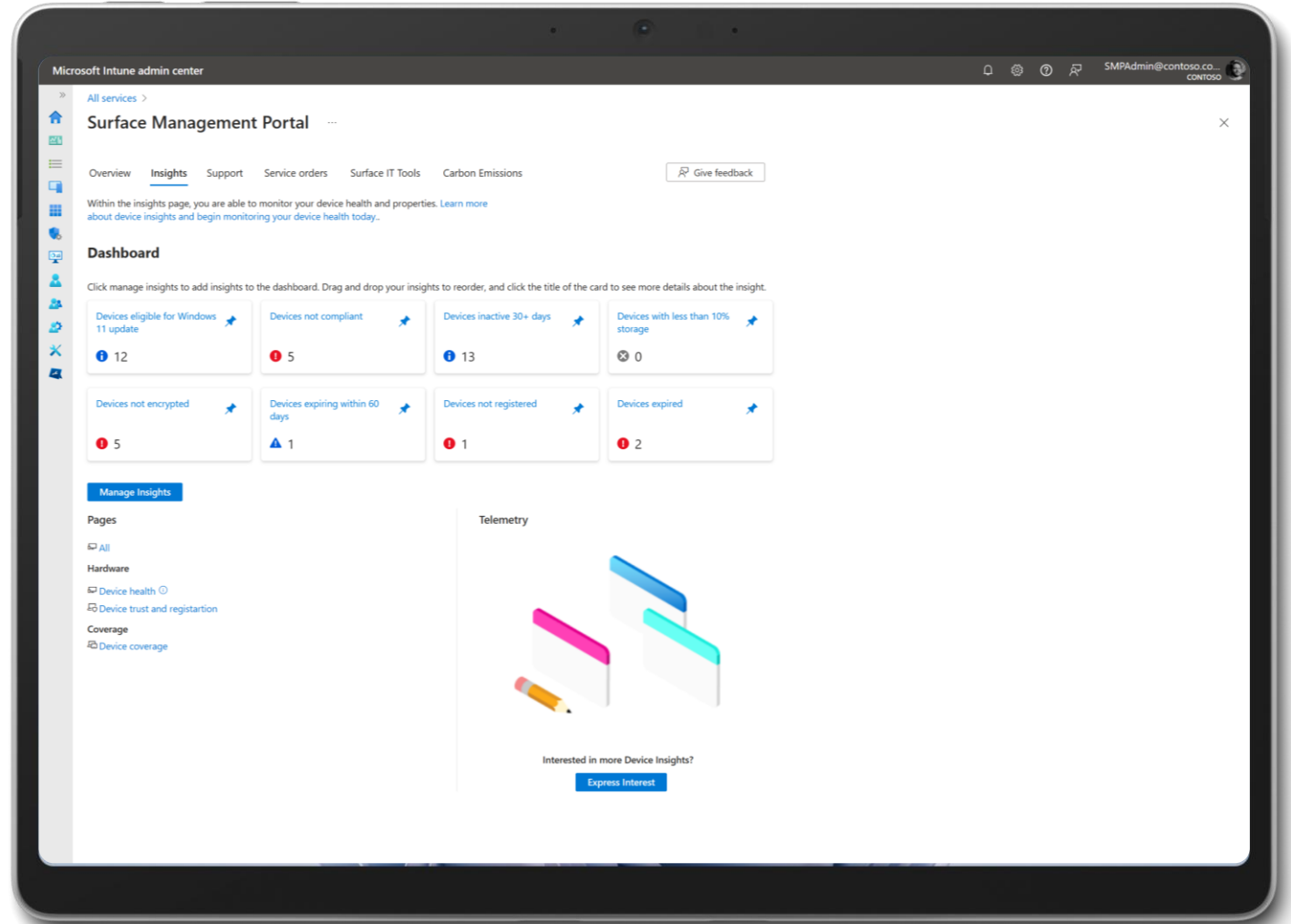
Insights

Surface Management Portal

Monitor you're the health and properties of your Surface devices

Manage the insights most critical to you using a customizable dashboard

Dive deeper into insights regarding device health, trust and registration, device coverage¹, and more



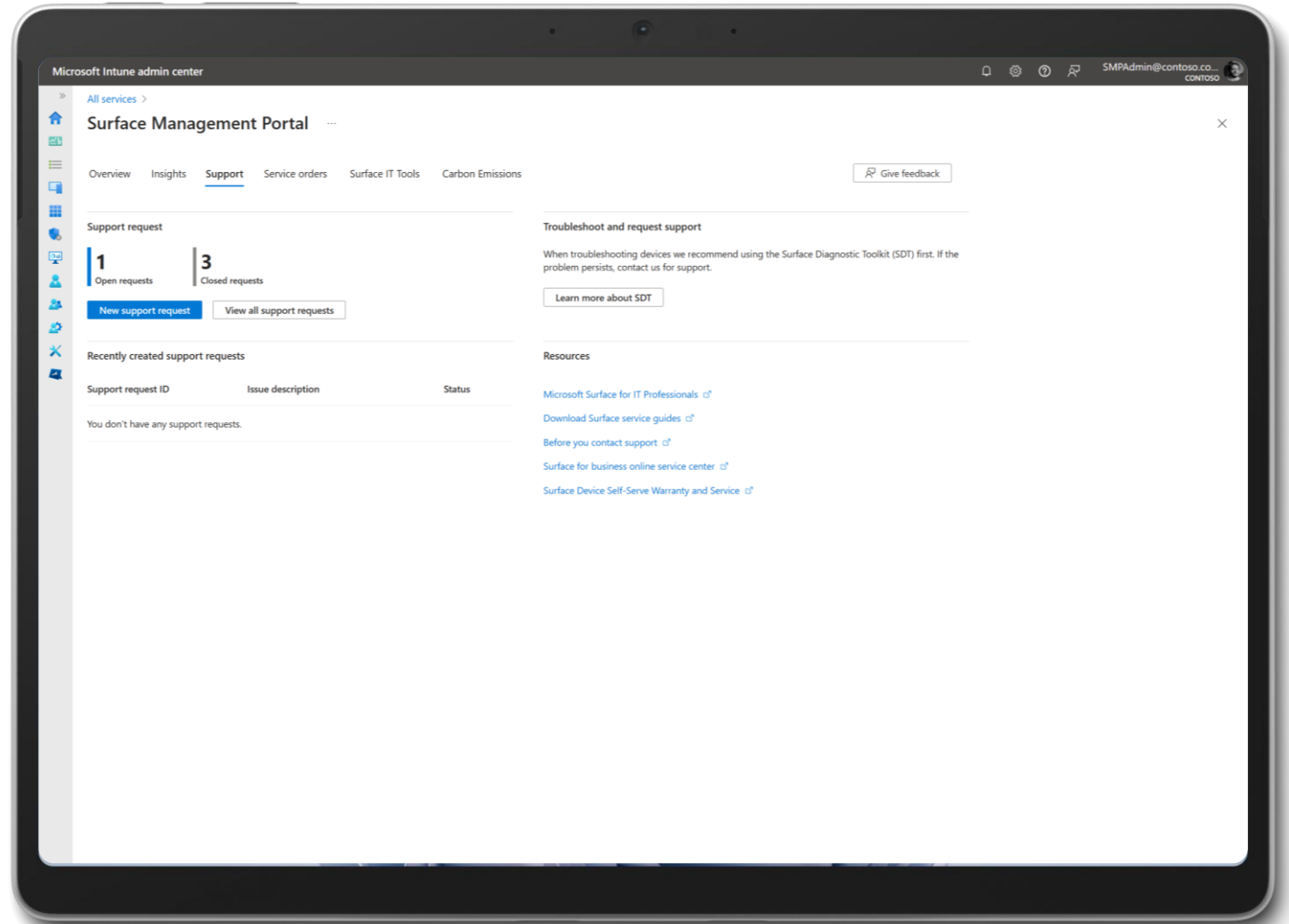
Support

Surface Management Portal

Open and track your Surface support requests¹

Glance at the status of your recent support requests

Access important tools and resources to help you troubleshoot your device before opening a request



¹Available warranty experience may vary by region and by product

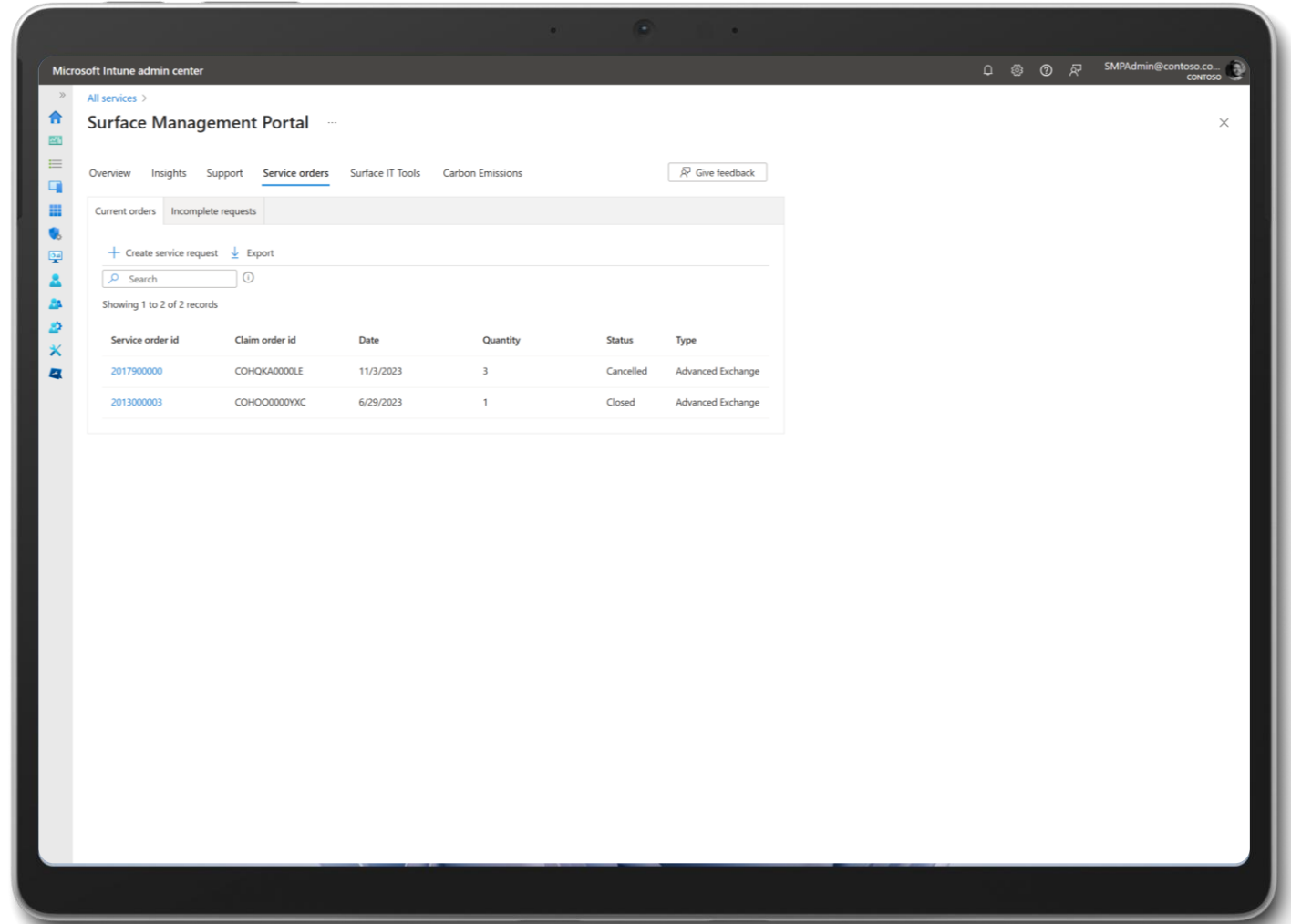
Service Orders

Surface Management Portal

Create service and repair requests and monitor their status¹

Easily request replacement or repair of a device or accessory

Pick up where you left off on incomplete requests



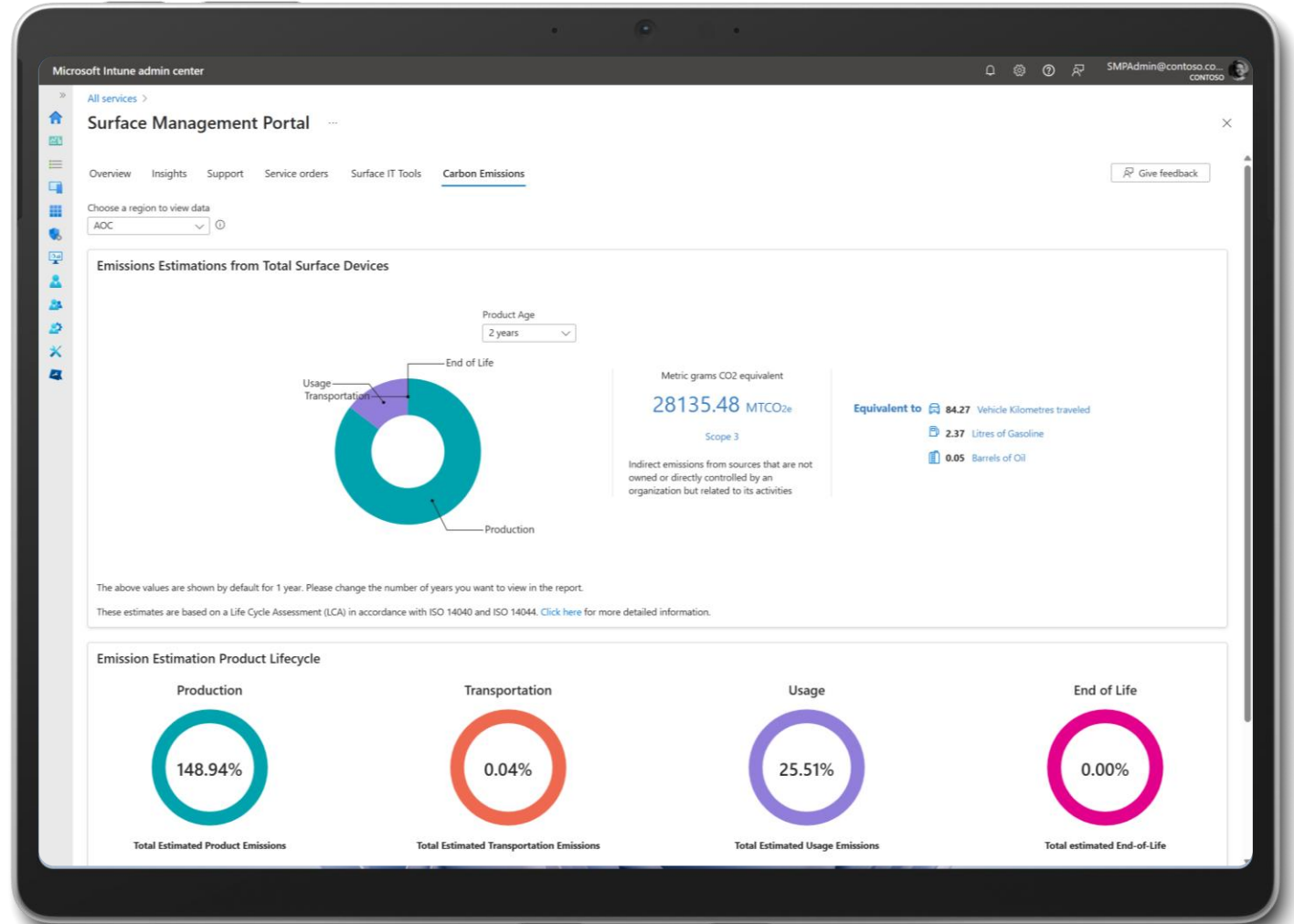
Carbon Emissions

Surface Management Portal

Estimate the emissions of your Surface devices registered in Intune

View estimations across the product lifecycle including production, transportation, usage, and end of life

See comparative equivalents and customize the estimates based on the age of the devices in your fleet

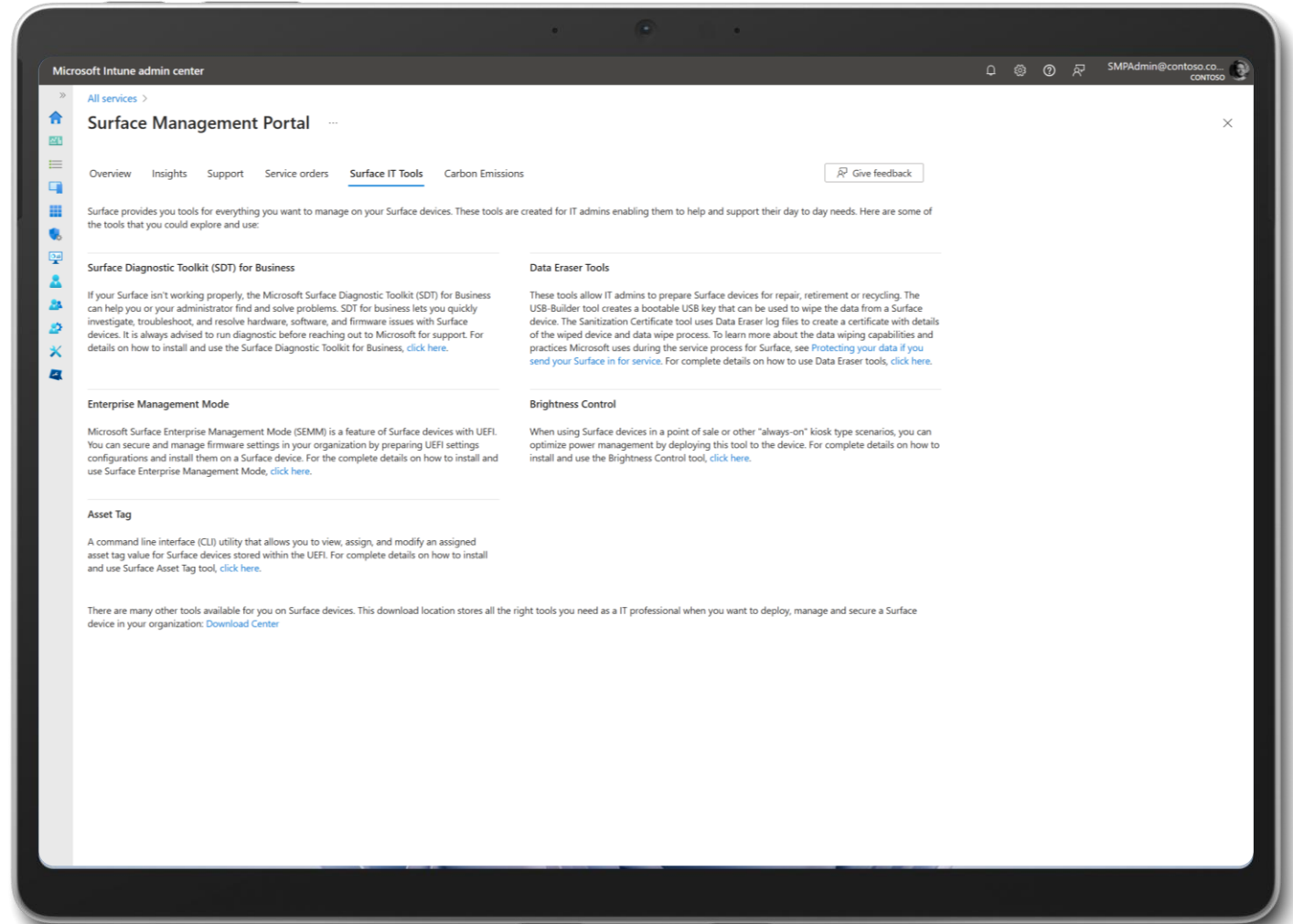


Surface IT Tools

Surface Management Portal

Access quick links to critical tools that help you further configure, control, and secure your Surface devices

Download and use important tools like the Surface Diagnostic Toolkit as well as the all-new Surface IT Toolkit



Surface IT Toolkit

Surface IT Toolkit compiles essential commercial tools into a modernized, streamlined experience

A modern desktop application providing IT Pros a consolidated workbench of tools for configuration, management, and recovery.

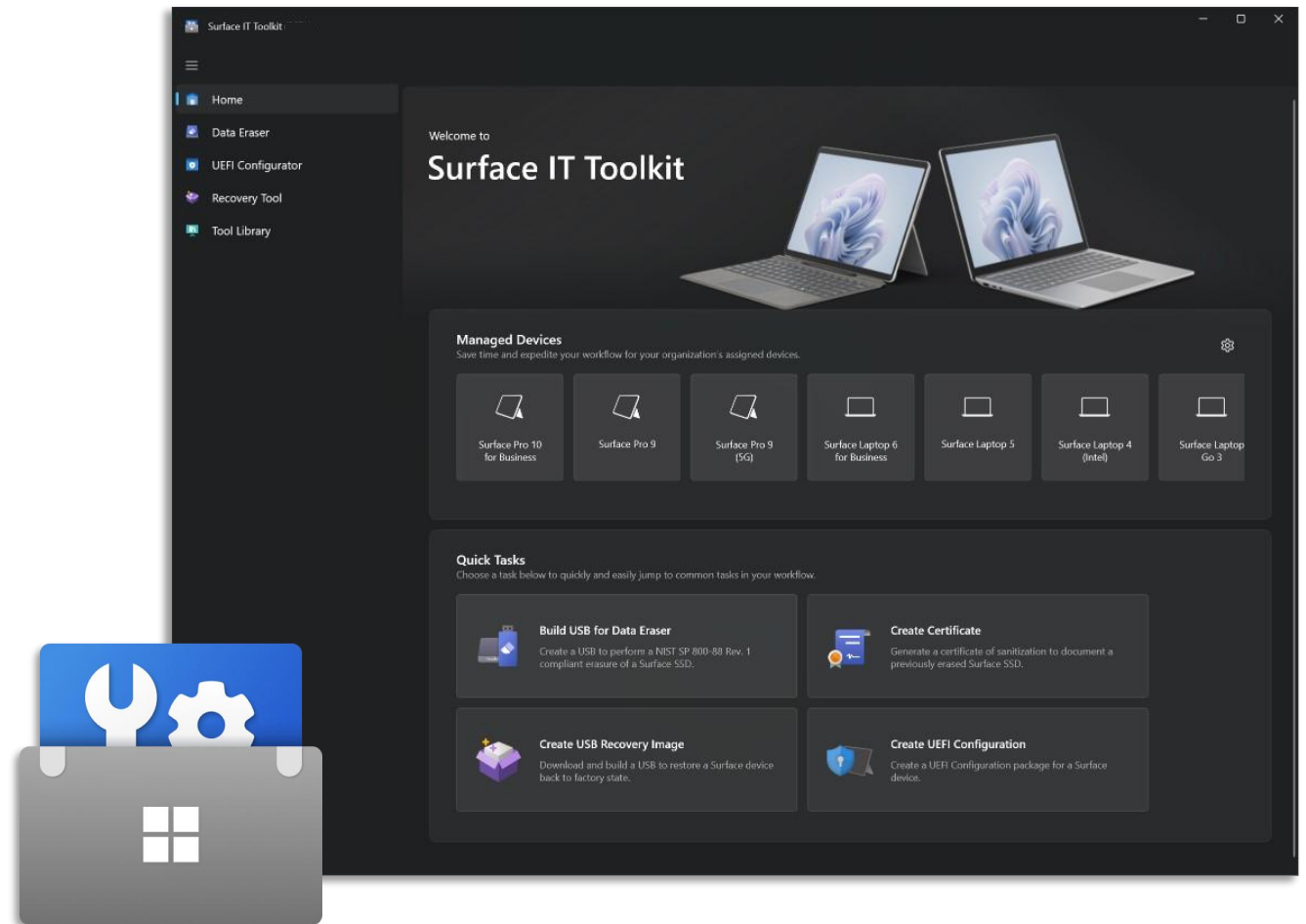
Easy access to critical tools that compliment traditional and cloud management – *all in one place*

Simplifies tasks with guided experiences.

As an [MSIX](#) package ensures IT Pros are using the latest versions of our tools and installers

Built to run natively on both x64 and ARM64

Link in Surface Management and Support Suite



Surface IT Toolkit

What's included and what's new?

What's Included?

Home

Access quick tasks and choose managed devices

Data Eraser

Wipe the SSD and create a certificate of sanitization

UEFI Configurator

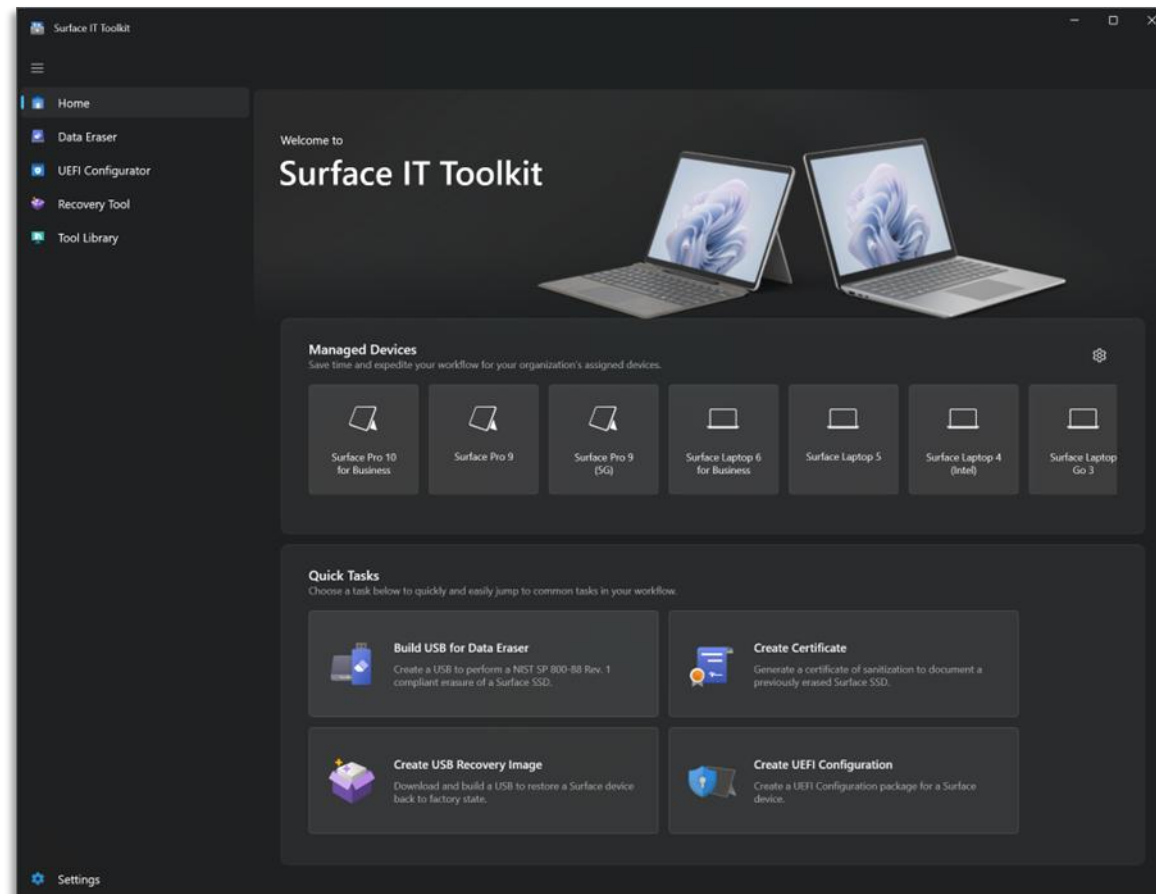
Secure and configure the UEFI with guided steps or PowerShell

Recovery Tool

Build and store a Bare Metal Recovery (BMR) USB

Tool Library

Centralized installers for deployment and management



What's new?

Complete a disk verification and generate certificate of sanitization post wiping of an SSD

Optimized package creation for SEMM in a single pass

USB-C Dynamic and Granular Disablement now in the UI

Build a Bare Metal Recovery (BMR) USB using guided process - no S/Ns required

Downloaded images are reusable and come with more insight

Centralization of additional installers

App and installers are self updating

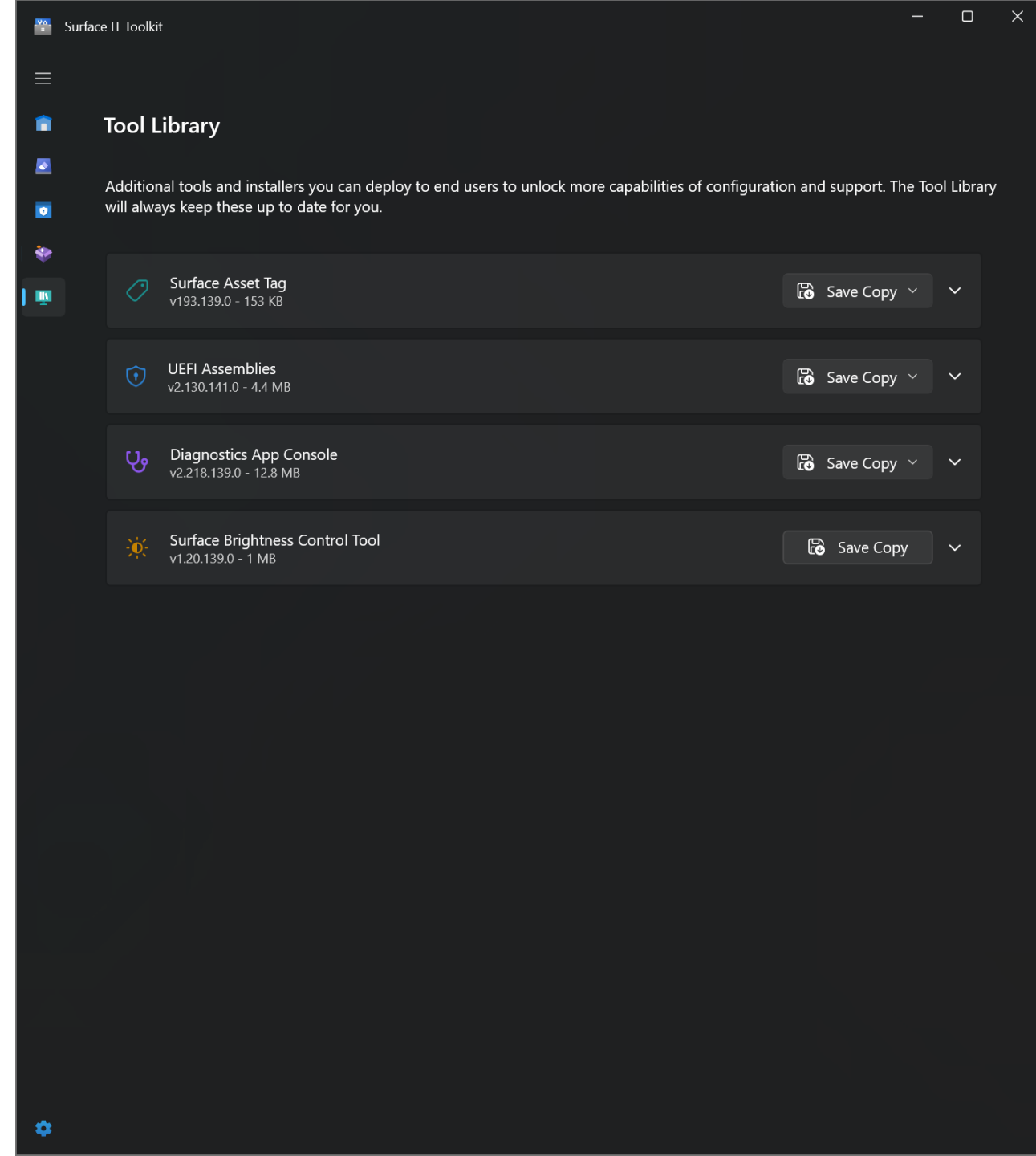
Tool Library

Surface IT Toolkit

Collection of the latest versions of other tools and installers including a description of their purpose and links to supporting documentation.

What's new with Tool Library:

- Centralized location for our other installers and tools.
- Installers and tools are always up-to-date.



Protect against UEFI (BIOS) vulnerabilities with Microsoft Surface

Microsoft developed & cloud managed UEFI

- Surface's unique Unified Extensible Firmware Interface (UEFI) is built by Microsoft, obtains automatic updates through Windows Update (WU), and is managed through Microsoft Endpoint Manager (MEM).
- Minimize risk from issues like Spectre & Meltdown with automatic Windows Updates down to the firmware level.
- Maximize control with the ability to cloud manage device firmware such as toggling power to a camera and disabling the ability to boot from USB, effectively locking the device to its tenant.



DHCI Policy

Microsoft Endpoint Manager admin center

mo@showmesurface.com
M365 ROCKS (CONTOSO)

- Home
- Dashboard
- All services
- FAVORITES
- Devices
- Apps
- Endpoint security
- Reports
- Users
- Groups
- Tenant administration
- Troubleshooting + support

Home > Devices

Devices | Configuration profiles

Search (Ctrl+/)

+ Create profile Columns Refresh Export Filter

Overview

All devices

Monitor

By platform

Windows

iOS/iPadOS

macOS

Android

Device enrollment

Enroll devices

Policy

Compliance policies

Conditional access

Configuration profiles

Scripts

Group Policy analytics (preview)

Windows 10 update rings

Windows 10 feature updates (...)

Update policies for iOS/iPadOS

Enrollment restrictions

eSIM cellular profiles (Preview)

Policy sets

Other

Device clean-up rules

Search by name

Profile Name	Platform	Profile Type
[Deprecated] Win10-OneDriveKFM-AdmxIngestion	Windows 10 and later	Custom
[Deprecated] Win10-Windows Analytics Onboard	Windows 10 and later	Custom
DEMO - ADMX Backed Win10 Policies	Windows 10 and later	Administrative Template
IGNITE-CustomStartMenu	Windows 10 and later	Device restrictions
IGNITE-Delivery Optimization	Windows 10 and later	Delivery Optimization
IGNITE-DHCI Configuration	Windows 10 and later	Device Firmware Configuration
IGNITE-EdgeBrowserSettings	Windows 10 and later	Device restrictions
iOS - Device Restriction to Block Game Center	iOS/iPadOS	Device restrictions
IOS Certificate Provision	iOS/iPadOS	SCEP certificate
IOS Trusted Root Certificate	iOS/iPadOS	Trusted certificate
KIOSK-Microsoft Edge Browser	Windows 10 and later	Device restrictions
KIOSK-Multi-App Self Deploy	Windows 10 and later	Kiosk
M365Rocks Trusted Cert	Windows 8.1 and later	Trusted certificate
M365Rocks-Allow FIDO2 Security Key for Login	Windows 10 and later	Custom
M365Rocks-Domain Join via Autopilot	Windows 10 and later	Domain Join
M365Rocks-NDES_SCEP-Cert	Windows 8.1 and later	SCEP certificate
M365Rocks-Win10 Ent MAK Upgrade	Windows 10 and later	Edition upgrade and mode switch
M365Rocks-Win10 VPN Profile	Windows 10 and later	VPN
M365Rocks-Win10 Wi-Fi Profile	Windows 10 and later	Wi-Fi
M365Rocks-Windows Trusted Machine Cert	Windows 8.1 and later	Trusted certificate
M365Rocks-Windows Trusted Root Certificate	Windows 8.1 and later	Trusted certificate
Surface Hub-Custom Start Menu	Windows 10 and later	Custom
Surface Hub-Device Config	Windows 10 and later	Device restrictions (Windows 10 Team)

Create a profile

Platform

Windows 10 and later

Profile

Select a profile

Administrative Templates

Custom

Delivery Optimization

Device Firmware Configuration Interface (preview)

Device restrictions

Device restrictions (Windows 10 Team)

Domain Join

Edition upgrade and mode switch

Email

Endpoint protection

Identity protection

Kiosk

Microsoft Defender ATP (Windows 10 Desktop)

Network boundary

PKCS certificate

PKCS imported certificate

SCEP certificate

Secure assessment (Education)

Shared multi-user device

Trusted certificate

VPN

Wi-Fi

Create

DFCI Policy

Microsoft Endpoint Manager admin center

mo@showmesurface.com
M365 ROCKS (CONTOSO)

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Home > Devices >

Device Firmware Configuration Interface (preview)

Windows 10 and later

The device has been rebooted since the last MDM sync.

Security Features

Allow local user to change UEFI settings Only not configured settings

CPU and IO virtualization Enabled

Built-in Hardware

DFCI can only manage hardware components built into the device. These settings cannot manage attached peripherals (e.g. USB webcams).

Cameras Disabled

Microphones and speakers Enabled

Radios (Bluetooth, Wi-Fi, NFC, etc..) Enabled

Boot Options

Boot from external media (USB, SD) Disabled

Boot from network adapters Enabled

Previous

Next

Settings

View update history

Surface - Firmware - 14.104.139.0

Successfully installed on 6/18/2020

Intel Corporation - Bluetooth - 21.80.0.3

Successfully installed on 6/18/2020

Surface - System - 6.83.139.0

Successfully installed on 6/18/2020

Surface - Monitor - 3.92.139.0

Successfully installed on 6/18/2020

Intel(R) Corporation - System - 10.24.0.3694 (2)

Successfully installed on 6/18/2020

Intel - net - 21.80.2.1

Successfully installed on 6/18/2020

Thank you

gaboralmasi@microsoft.com

