TEXAS INSTRUMENTS

Release Notes for Edge AI Studio Model Composer v1.3.0

Edge AI Studio Model Composer is a fully integrated no-code solution for training and compiling models for deployment into edge AI applications. It supports Bring-Your-Own-Data (BYOD), enabling the re-training of models from the TI Model Zoo with custom data. Deploy to your local development board.

Tasks supported:
- Image classification
- Object detection
- Semantic segmentation
- Arc fault detection
- Motor bearing fault detection

These release notes contain valuable information which may not be included in other product documentation. This information will assist you in the use of Edge AI Studio.
The release notes are divided into sections:

Contents

System Requirements

Supported Browsers

Edge AI Studio Model Composer is a cloud application that is accessible at
http://dev.ti.com/edgeaistudio

Edge AI Studio Model Composer is supported on Chrome browsers v131.0 (64-bit) or newer, and Microsoft Edge v131.0 or later.   Currently it is not supported on Firefox.

Device Support

Vision tasks

- AM62A
- AM62
- AM68A
- AM69A
- TDA4VM

Arc-fault and Motor-fault tasks

- F28P55x (recommended)
- F28P65x
- F280015
- F28003
- F28004
- F2837

New in Edge AI Studio Model Composer 1.3.0

General Enhancements

- (Desktop, Cloud) Arc-fault support – data collection, training, compilation
- (Desktop, Cloud) Motor- fault support – data collection, training, compilation

Dependencies

- Motor-fault data collection and on-target inference feature support requires the following SDK release or higher
    - Motor Control SDK 5.03.00.00 or higher
    - https://www.ti.com/tool/C2000WARE-MOTORCONTROL-SDK
- Arc-fault data collection and on-target inference feature support requires the following SDK release or higher
    - Digital Power SDK 5.04.00.00 – this will be released after January 20, 2025
    - https://www.ti.com/tool/C2000WARE-DIGITALPOWER-SDK

Bug Fixes

- **For up-to-date status information, go to this** [Link](#)

All Open Issues

This dynamic query lists all issues that are currently open.
[Open Issues](#)