# About abnormal start-up of Windows PANATERM

Motor Business Unit
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**Target** : Windows PANATERM5.0 or later (MINAS-A5/A6 Family)

**Phenomenon** :

After Windows update on Oct .10 , Some PCs didn't operate PANATERM normally.

Targets of Windows OS Version and update program

| Windows OS | Update program |
|---|---|
| Windows 7 | KB4041681 |
| Windows 8.1 | KB4041693 |
| Windows 10 | KB4041676 (Version 1703) |
| | KB4041691 (Version 1607) |
| | KB4041689 (Version 1511) |
| | KB4042895 (Version 1507) |

Note: As of Oct. 12th, 2017

**Measure**:

Applying the latest version of Windows update as of Nov. 15$^{th}$ below can eliminate the symptom.

| Windows OS | Update program |
|---|---|
| Windows 7 | KB4048957 |
| Windows 8.1 | KB4048958 |
| Windows 10 Ver.1511 | KB4052232 |

Note: As of Nov. 15$^{th}$, 2017

We are sorry to trouble you, but please install the latest PANATERM (Ver.6.0.1.9), as well as the latest Windows update.

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# Change history associated with the Windows update

For your information, change history associated with the Windows update on Oct. 10th is described below.

(1) There was the symptom in which PANATERM didn't load the Excel files after Windows update on Oct. 10th (before Ver.6.0.1.6).

(2) The Excel driver was changed in PANATERM (Ver.6.0.1.7).

(3) The read processing in the Excel files of PANATERM was changed (Ver.6.0.1.8).

(4) The acquisition process of the numerical value and character string information was changed (Ver.6.0.1.9).

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