Fluxograma Microsoft Validation SW
Flowchart of Microsoft Approval Process

MICROSOFT HOMOLOGATION PROCESS

SUPPLIER / COMEX **MULTI BRAZIL** **MICROSOFT**

Flowchart steps:

- **A** — It is defined by the COMEX model to be produced.
- **B** — The IL is generated for approval by the HW and SW team.
- **C** — ODM make corrections to the project.
- **D** — Improvement approved ? (Yes / No)
- **E** — ODM is requested: BIOS, EC and DRIVERS.
- **F** — SW Team starts the Final User Image Creation with Requirements by Microsoft
- **G** — Final Image Created Approved ? (Yes / No)
- **H** — Perform Microsoft Validation Tests:
- **I** — Approved ? (Yes / No)
- **J** — If an error occurs, it is reported to ODM:
- **K** — After approval in all tests, is released to production
- **L** — Production consumes the Microsoft Key.
- **M** — Microsoft contacts you within 3 days
- **N** — The reports sent to Microsoft went without any problem.
- **O** — BUILD TESTS
- **P** — Steps for Microsoft validation:

A — It is defined by the COMEX model to be produced.

B — The IL is generated for approval by the HW and SW team.

C — ODM make corrections to the project.

D — Improvement List Approved

E — ODM is requested: BIOS, EC and DRIVER'S.

F — SW Team starts the Final User Image Creation with Requirements by Microsoft:

CSUP

Clean Image of Applications

Minimum Operating System Requirements (Memory, Processor, Internal Storage, SSD no more HD)

G — Final Image Created Approved ?

H — Perform Microsoft Validation Tests:

DCVT: Used to verify if the final image is validated in the standards that Microsoft requires: CSUP, Internet Explorer Home page open on Microsoft's website, Clean Image of applications.

MDAVT: Used to verify if all Driver's have already been forwarded to Microsoft, if all have been signed and declared.

I — Approved

J — If an error occurs, it is reported to ODM:

If there is any undeclared or signed Driver, the ODM is informed where a new driver is provided. This new driver may take up to 40 days for Microsoft to make available to Windows Update.

K — After approval in all tests, the Final Image is released to production. If an error occurs, it is reported to ODM.

L — Production consumes the Microsoft Key. Within 5 days, the CBR of the consumed keys is sent to Microsoft. And within 7 days, the PBR is sent (if there is production of any model with Microsoft promotion. Example: Office Package)

M — Microsoft contacts you within 3 days

if there is any discrepancy in the key consumed by Multi.

N — If there is no contact within 3 days, the reports sent to Microsoft went without any problem.

O — BUILD TESTS

From March to April is the official period of Microsoft BUILD testing. It is mandatory for all Manufacturers.

Microsoft provides a test book to be followed. The test is performed on all machines produced by the manufacturer (Multi).

Test reports are made weekly within the official test period. An OEM key provided by Microsoft is inserted into each machine, when online this key is activated on MS servers. In addition to entering the key, a standard spreadsheet is filled out and sent to the official email <mdahelp@microsoft.com>.

If there is any problem found by the Microsoft team, it is reported through the email sent with the reports.

P — Steps for Microsoft validation:

Signed and declared drivers
MS Standard Image Creation
DCVT and MDAVT tests
CBR and PBR Reports (If any)
Official Build Test

Fluxograma FW

Flowchart of Software Homologation Process

HISTÓRICO DE ALTERAÇÃO

Data	N° de Revisão	Responsável		Descrição da Alteração
04/11/2022	0	Manager	Mauri Avila	Criação do Documento
		Supervisor	Sergio Pimenta	
		Software Analyst	Augusto Souza	
		Software Analyst	Jorge Junior	
		Engineer	Ailson Costa	
		Software Analyst	Josue Romagnoli	
		Software Analyst	Antonio Edinadson	
		Support Engineering	Lucas Vieira	
		Support Engineering	Daniela Soares	