Hello everyone, my name is Tuan. I am very happy to be here today and appreciate your attention.

First of all, I would like to say that my English skills are not good, so please forgive me if I make any mistakes and skip on it. And if you have any questions during my presentation, please feel free to stop me.

Now, I would like to take a few minutes to talk about why I developed this tool before going into detail about its features.

As you know, our M+S Test is responsible for repairing, maintaining, troubleshooting all P+F testing equipment. And we have a lot of repetitive work, or we have to work with system data a lot. So, we created a lot of mini tools to support those tasks by programming.

Finding these tools quite useful and could be developed more widely. I edited, developed, and synthesized it into a single toolkit called M+S Management Tool.

Later, with the support and advice of my manager, Mr. Duc Anh, and the tools available from the members of my team.

Gradually, when we realized that these new features could not only solve the problems for our team, but also other teams could use some of the features to solve their problems more effectively, we decided to open it up to the public.

And now, I will get into the main content. I would like to show you how to install the program and how to use its functions.

This is the path to the installation directory. Please follow me, click on the .exe file and run the initialization program. Continue to click OK when the system displays a message.

Don't worry about these messages, they are only displayed to let you know that this is the first time you have installed the program and that some missing functions on your laptop will be initialized by the system.

You need to agree before it can be done. Click on the country you want to access data for to work.

You can select it again at any time later by clicking on the flag in the bottom left corner of the screen on the displayed toolbar.

The installation process is now complete, please exit and restart the application.

Click on the X button in the bottom right corner of your screen, then click on the search icon and type in M+S. You can pin it to the taskbar or send it to the Desktop for easier manipulation if you want.

Now, you can run the program again, the system will check the entire function, when there is a green light, the program is ready to work. You can observe it in the right corner of the program toolbar.

One note is that the program is written with a resolution of 1920*1080 at 100% so if some display features fail, check your resolution by right-clicking on the desktop, selecting Display settings to check it.

Next, this program can run continuously and hijack the display on top of all the applications that you have open on your screen.

If it affects your screen view, you can turn it off, but I have an extra button with 2 vertical lines so you can zoom it out. You can then click on this icon to expand it to its original position.

So, I have finished covering the entire installation process and basic user guide for this tool. If you have any questions please feel free to ask me before I dive into the main function.

Since some of the functions in this tool are specific and only used internally by my team, I will skip them in this presentation and focus on the functions that I think you are interested in.

If you want to know about other functions, you can read the User Manual by clicking on this icon. I will try to present it as fully and clearly as possible so that everyone can understand and do it.

In the following, I will present the feature of working with Movex-M3 databases of this program.

Check which country the database you are connecting by looking at the flag displayed on the toolbar, which you can change by clicking on it and selecting it again as I just showed in the installation instructions.

Next, click on the M3 icon on the toolbar to call up the Movex Quick Tool function.

Now, try entering in the Item Input text box any item ID you know, the Routing will be displayed in this box and the Bom list will be displayed here.

You can export it to an excel file by clicking on the combo box here, select the data you need and then clicking the Export button, the system will ask you to choose a location to save the file.

Often I will choose to save it to the desktop for easy handling. You just need to click OK, the system will automatically open this file after the file export process is complete without having to search and open it yourself.

I have done the display formatting for these excel files such as highlight, title, date format, width alignment... I hope it will help you save a little time.

Next, we have a search function and get a list of all items affected by 1 ECN. You can directly click on any ECN number in column POTXT1 in the Routing panel or check this box and manually enter the ECN number you want to find.

For the Where-used function, if you do not check this box and double click on the Document column, the system will understand that you are trying to open and view the content of that document.

If you want to see which items the document is applied to, check this box then double click on the Document number and a new Data Table will show you.

If you want to manually enter the document number instead of selecting it in an existing column, you can select Document here, the input box will be activated so you can manually enter the information you want.

There will be 2 Where-used tables displayed, the upper panel is when you click and the bottom panel is when you enter manually. You can export both of these data tables to excel files.

As for the Instruction feature, it allows you to search the entire test program affected by an instruction document. This feature is mainly for us internally, whenever an ECN changes this instruction document, we will be able to search for all affected test programs and upgrade to the new version without missing it.

Next, I would like to introduce the Material function and at the same time Alternate. In Material, you can find all the items that are using this material no. Of course, you can just click directly on the Bom list, or you can also enter it manually if you want.

For the Alternate function, it will search for all the items that are using this material and then find its alternative parts. This is the function that I was asked to develop from Mrs.Nguyet from SCP.

This function will take an average of 1-3p depending on the material sought.

And the last function is Department, we will find out all the items running under a VP Planner.