

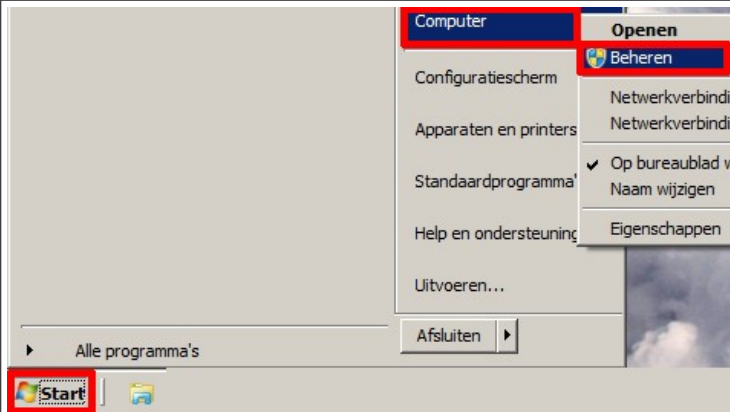
Chapter 1 – The Windows Logbooks

In order for you to be able to enjoy the maximum IVAO online flight experience, you got to do some homework yourself first.

In order for the IVAO's pilot client software – called IvAp – to work perfectly and flawlessly, you need to perform some very basics steps on your computer. These steps will create the perfect platform for IvAp to run on.

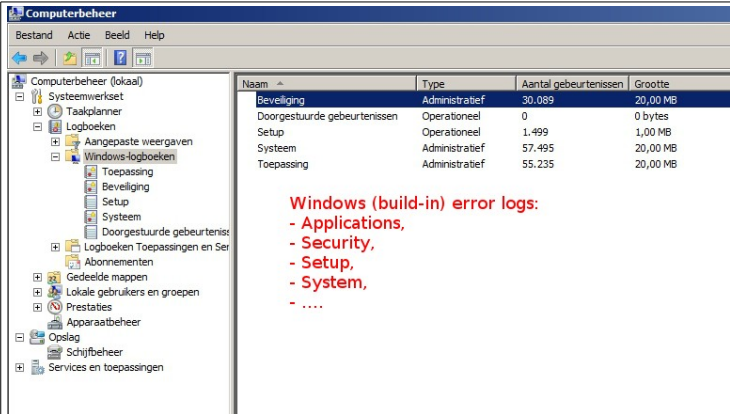
1.1 – How to control your Windows logbooks:

The Windows operating system has its own "internal bookkeeper", which collects a lot of information what goes on inside your computer. It stores this information in a series of logbooks. These internal logbooks can be viewed in the following way:



[Start], Rightclick [Computer],[Control].

1 - Windows Logbooks.



<- These are the build-in Windows errorlogs:

1 – Applications:

Here you can find information messages/warnings and serious errors, *generated by Windows applications*

2 – Security:

Here you can find security (login/logout) information messages/warnings and serious errors, *generated by the Windows operating system itself.*

3 – Setup:

Here you can find setup error information messages / warnings and serious errors, *generated by the Windows Setup routines.*

4 – System:

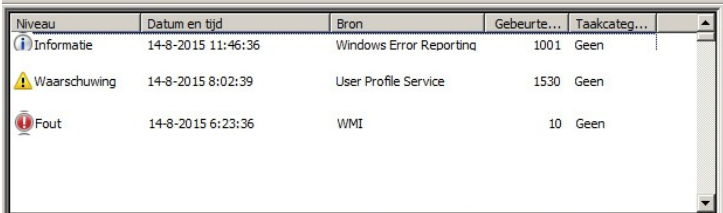
Here you can find the Windows operating system own internal information messages/warnings and serious errors, generated by e.g. *the Windows Update Services.*

5 - Some others error-logs..

.. that are not important for installing IvAp.

2 – The various types of Windows logbooks.

When checking your Windows logbooks you can encounter 3 types of logbook-entries:



Niveau	Datum en tijd	Bron	Gebeurte...	Taakcateg...
Informatie	14-8-2015 11:46:36	Windows Error Reporting	1001	Geen
Waarschuwing	14-8-2015 8:02:39	User Profile Service	1530	Geen
Fout	14-8-2015 6:23:36	WMI	10	Geen

(i) (Blue) = Informational / Message:
.. just to let you know what is going on under-the-hood.

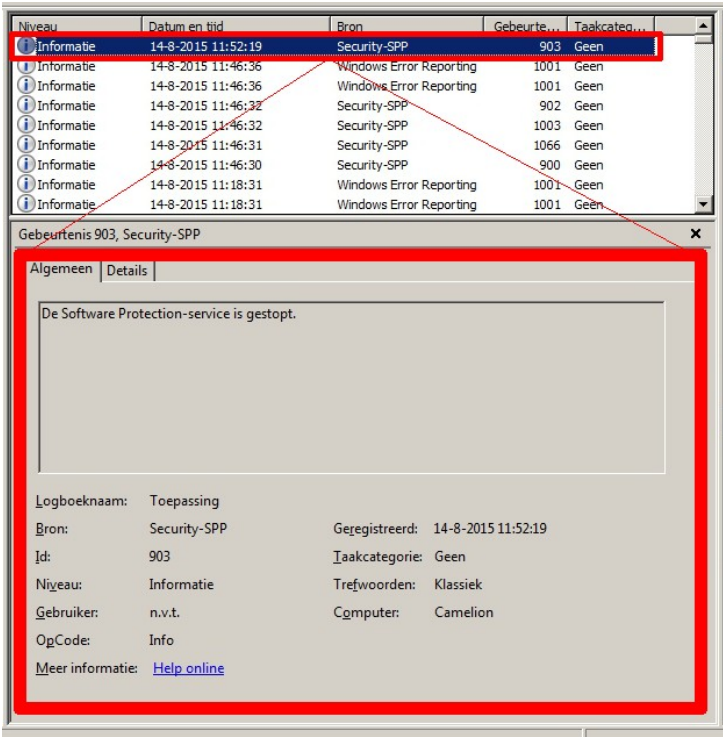
! (Yellow) = Warning / Error:
.. needs your attention, but it is not lethal to the health of your Windows operating system.

(!) (Red) = Critical / Error:
.. notification of something that is able to corrupt the functionality of your computer's operating system and/or applications. *These errors must be fixed!*

3 - 3 types of different logbook entries.

1.2 - How do I get more / detailed information regarding any logbook-entry?

Windows stores a lot of (detailed) information in its internal logbooks.
You can access this wealth of information in the follow ways:



The screenshot shows the Windows Event Viewer with a list of log entries. One entry is selected, and a detailed view of that entry is shown below. The detailed view includes the following information:

- Logboeknaam: Toepassing
- Bron: Security-SPP
- Id: 903
- Niveau: Informatie
- Gebruiker: n.v.t.
- OpCode: Info
- Meer informatie: [Help online](#)

First select a logbook:

By clicking any logbook-entry in the above section of the screen, the lower section of the screen shows more detailed information about that logbook entry..

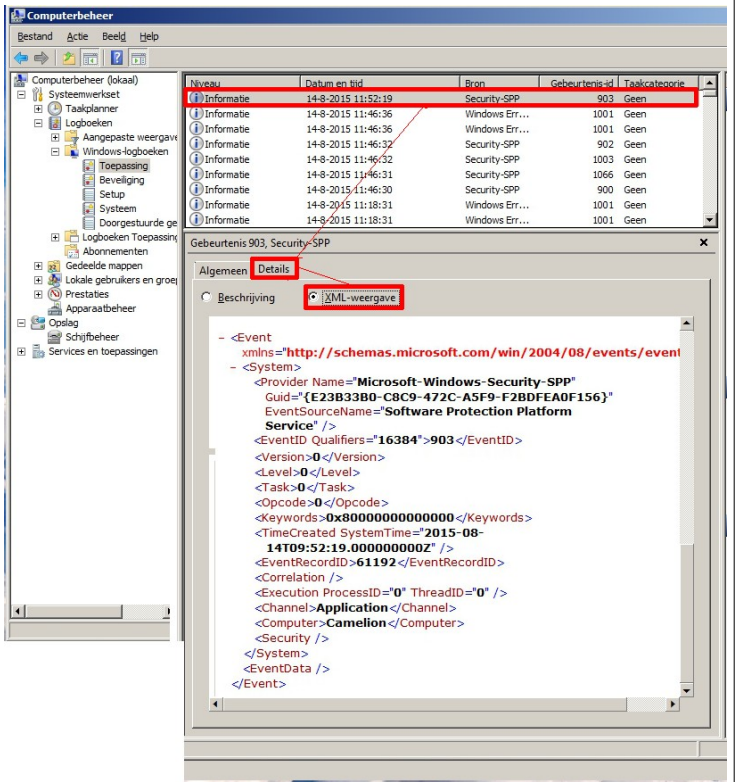
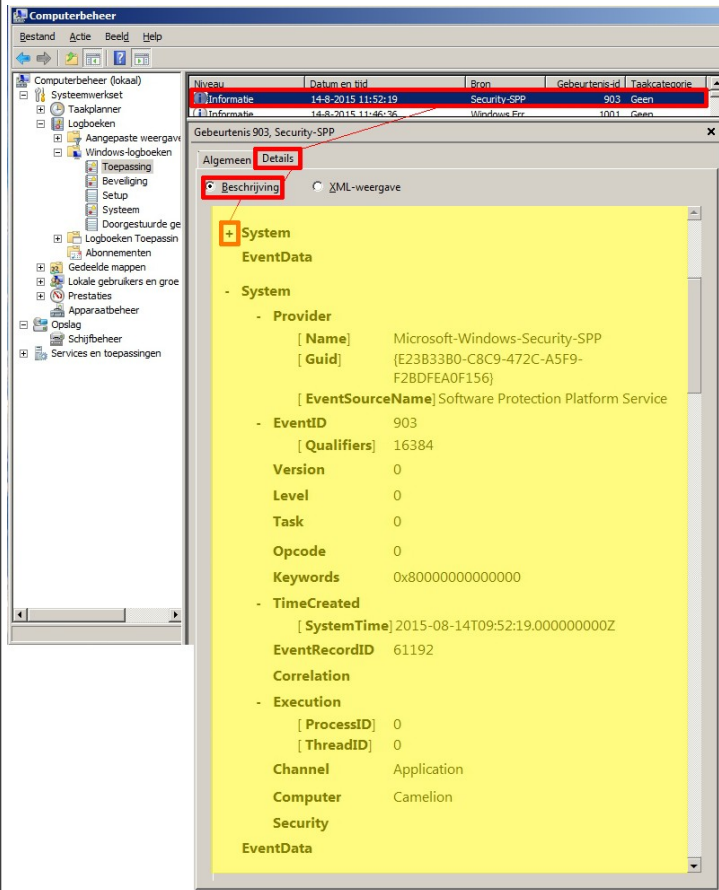
Here you can see the:

- Application that caused this logbook entry.
- Source of the message / error.
- Entry number.
- Type-of-logbook entry.
- Windows user account related to the entry.
- OpCode.
- Registration date and time.
- Task category.
- Logbook entry tag.
- Computer name.

and a link to more online information about it.

4 - Logbook entry details – General format.

You can even dig deeper into a certain logbook-entry information like this, via its [Details]-tab:



5 - Logbook entry information – Plain text format.

6 - Logbook entry information – XML format.



TIP: When posting your error on the IVAO forum, be sure to always copy and paste the text inside the Yellow area above!

This detailed error-information helps the member of the IVAO Software Development staff and other technically gifted IVAO members to understand how and the why behind it.

Finally:
The true underlying causes of these (Yellow, Red) errors could potentially disrupt your computer's operating system. So solve them first, to create a stable - and solid software foundation, before you go ahead and start to install FSX and/or IvAp onto your computer.

A good and clean operating system is key to prevent future (network connection / application-level) troubles!