

MTF Statistics

Historic

1. September 2005 – March 2006

- manual upload done by Esther Barbero Soto
- upload via EDMS support (e-mails sent automatically by Sequencer)

2. March 2006 – August 2006

- upload via EDMS support (XML files sent via e-mails)
- manual upload (if necessary)

3. From March 2006

- automatic upload

Folder's creation:

- September 2006 – MTF Inbox
- December 2006 – MTF Repeated Job
- February 2007 – MTF Sequencer

MTF Statistics

How XML files are created?

1. XML creator (Jacek's interface)

- June 2006 (test version) -> used from August 2006

Nowadays, it is used by following profiles (data from 1.12.2006 - 24.08.2007) :

- BI VME (6 XML files)
- CIW (11 XML files)
- Cooling (57 XML files)
- Cooling Water Cooled (66 XML files)
- DE01 (2 XML files)
- ELQA (22 XML files)
- Energy Extraction 600A (50 XML files)
- PIC (22 XML files)
- Radiation Monitoring (26 files)
- Power Cables NWC (113 XML files)
- Power Cables WC (50 XML files)
- Power Converter (54 XML files)
- Quench Protection (9 XML files)
- Circuits (9 XML files)

MTF Statistics

How XML files are created?

2. Direct scripts from each group database

It is used by:

- PCSCCT - step 22, 24, 26 (Sequencer - C. Castillo Trello, A. Marqueta Barbero)
- PCSCCT - step 10, 12, 14, 16 (Power Converters - H. Thiesen, P. Bailly)
- 60A Orbit Correctors (Sequencer/ Power Converters - J. Thomsen, P. Bailly)
- Quench Protection System IST (R. Denz)
- Superconducting Circuits (fully automatic)

3. Creation via XLS files

It is used by:

- BLM - S. Grisham (steps and properties)
- BPM - R. Jones (steps and properties)
- 600A EE - G. Coelingh (properties)
- PCSCCT - H. Thiesen (properties)

MTF Statistics

How XML files are created?

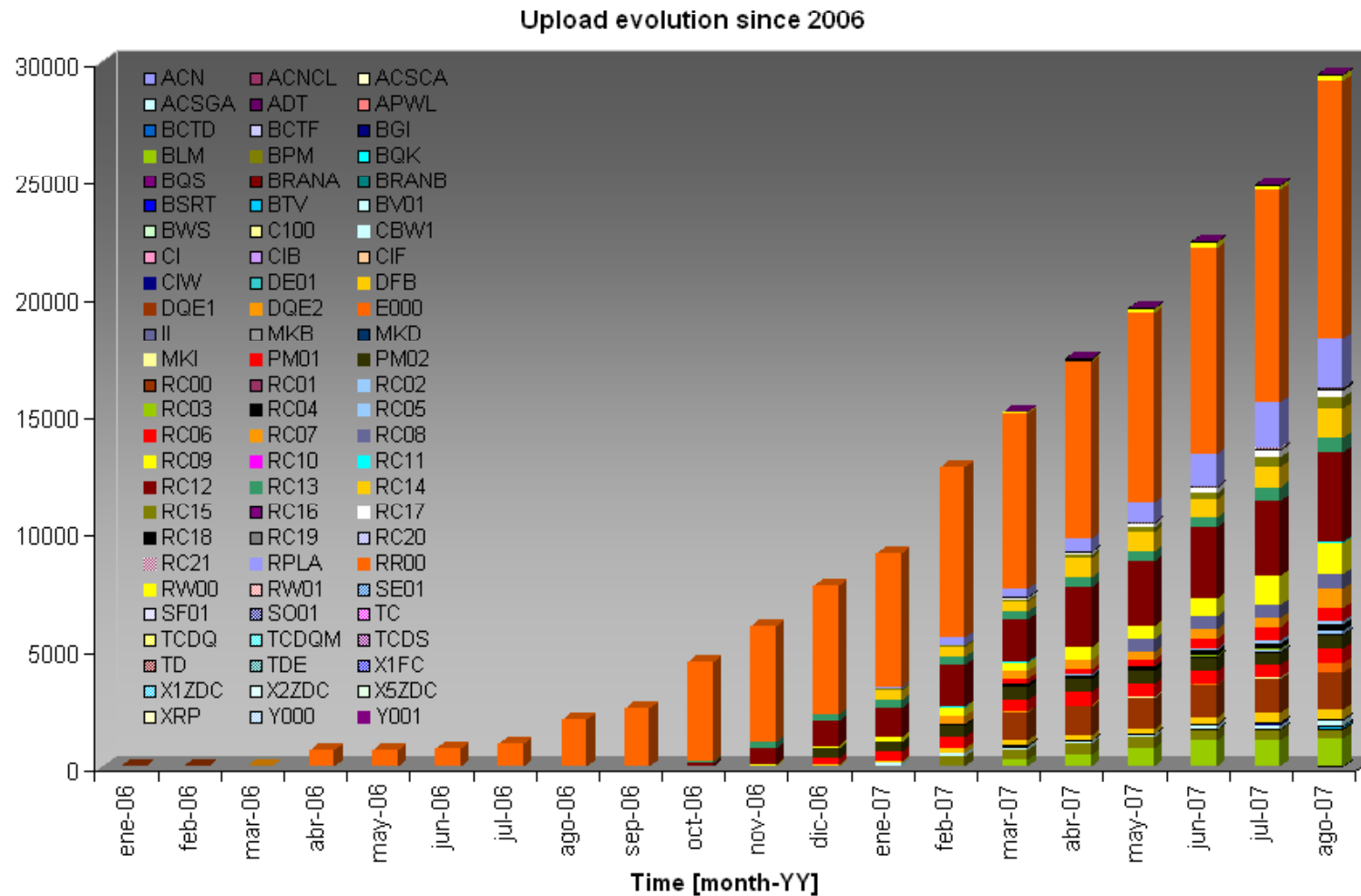
4. MTF interface:

It is used by:

- Radiation Monitoring (RAMSES) - A. Day
- VME Crates - J-J. Gras
- Ventilation - HC Team
- ELQA for cold circuits - D. Bozzini

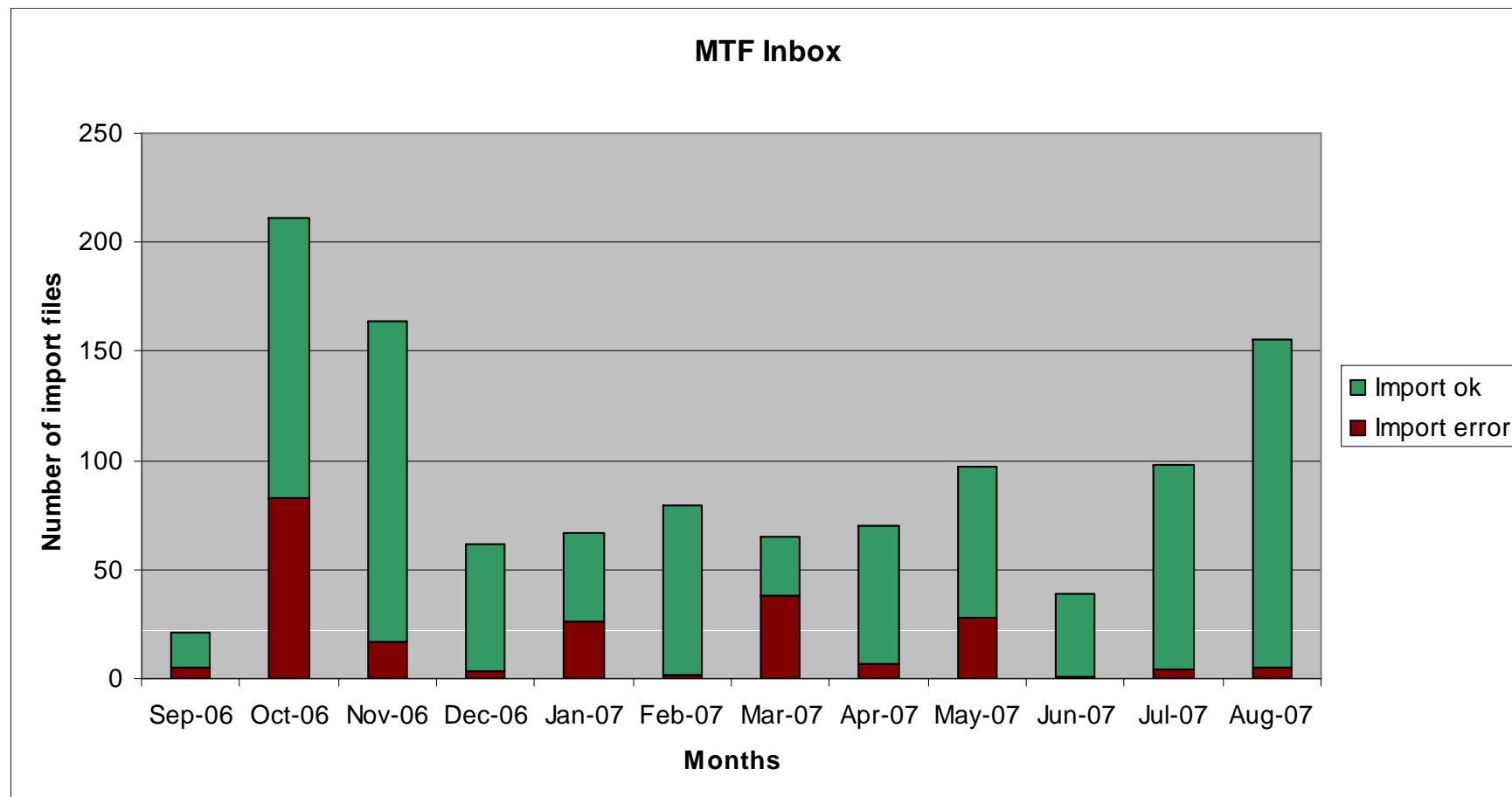
MTF Statistics

General Statistics



MTF Statistics

Number of import files/folder via MTF Inbox



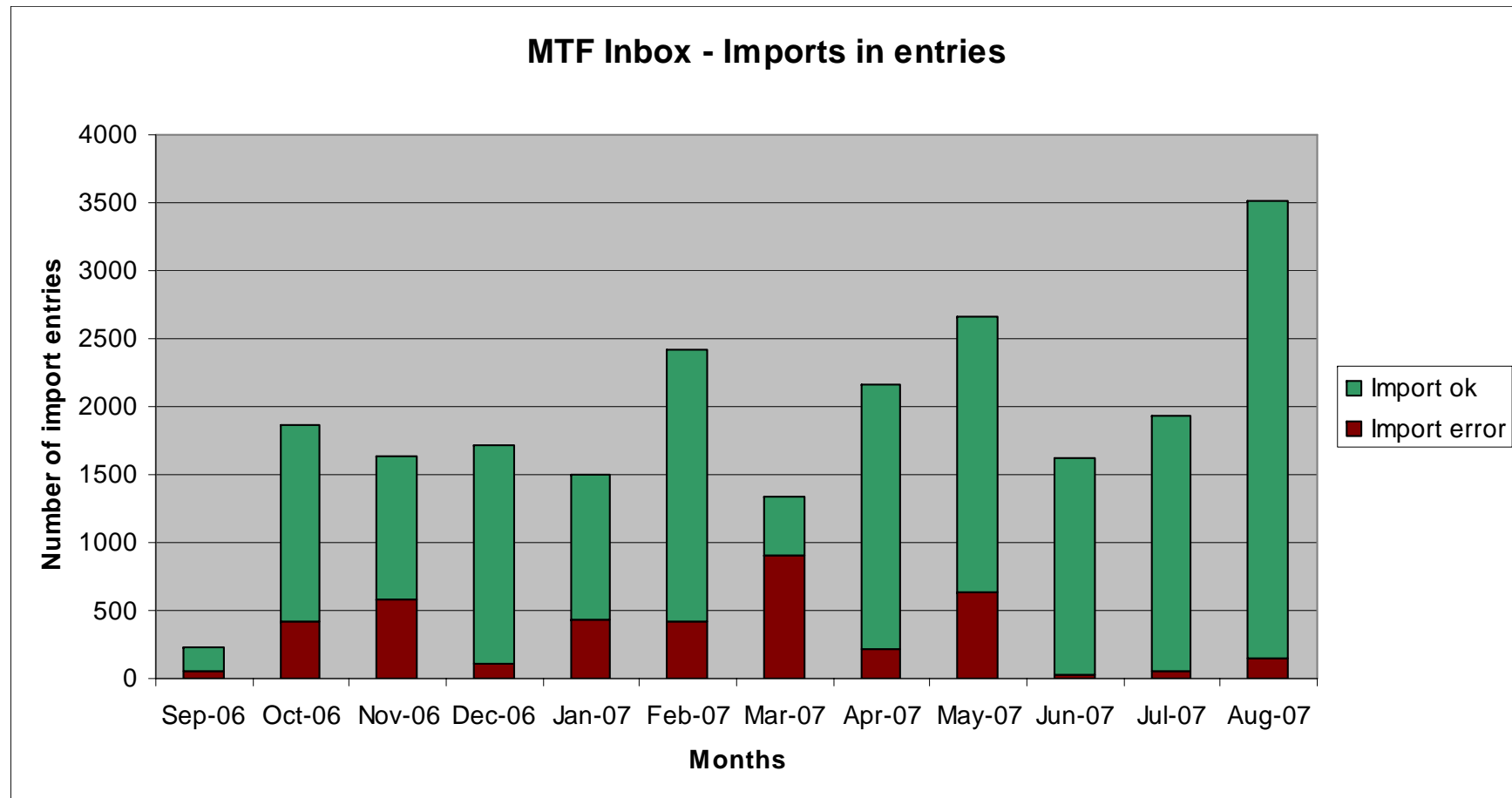
MTF Statistics

Number of files/folders via MTF Inbox

	Sep06	Oct06	Nov06	Dec06	Jan07	Feb07	Mar07	Apr07	May07	Jun07	Jul07	Aug07
Total import	21	211	164	62	67	79	65	70	97	39	98	155
Import error	5	83	17	3	26	2	38	7	28	1	4	5
(%)	24%	39%	10%	5%	39%	2,5%	58,5%	10%	29%	2,5%	4%	5%
Import ok	16	128	147	59	41	77	27	63	69	38	94	150
(%)	76%	61%	90%	95%	61%	97,5%	41,5%	90%	71%	97,5%	96%	97%

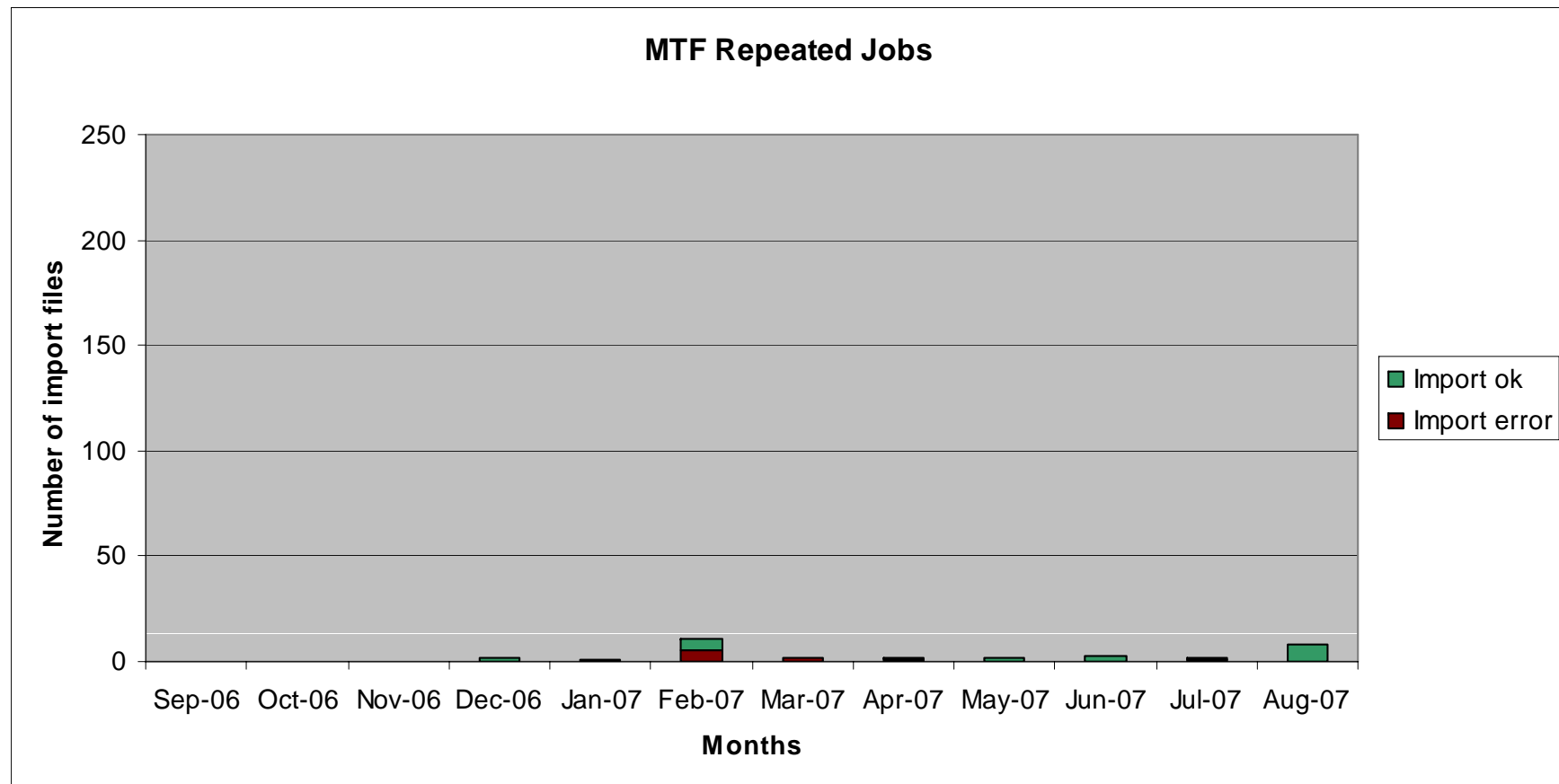
MTF Statistics

Number of import entries via MTF Inbox



MTF Statistics

Number of import files/folders via MTF Repeated Jobs



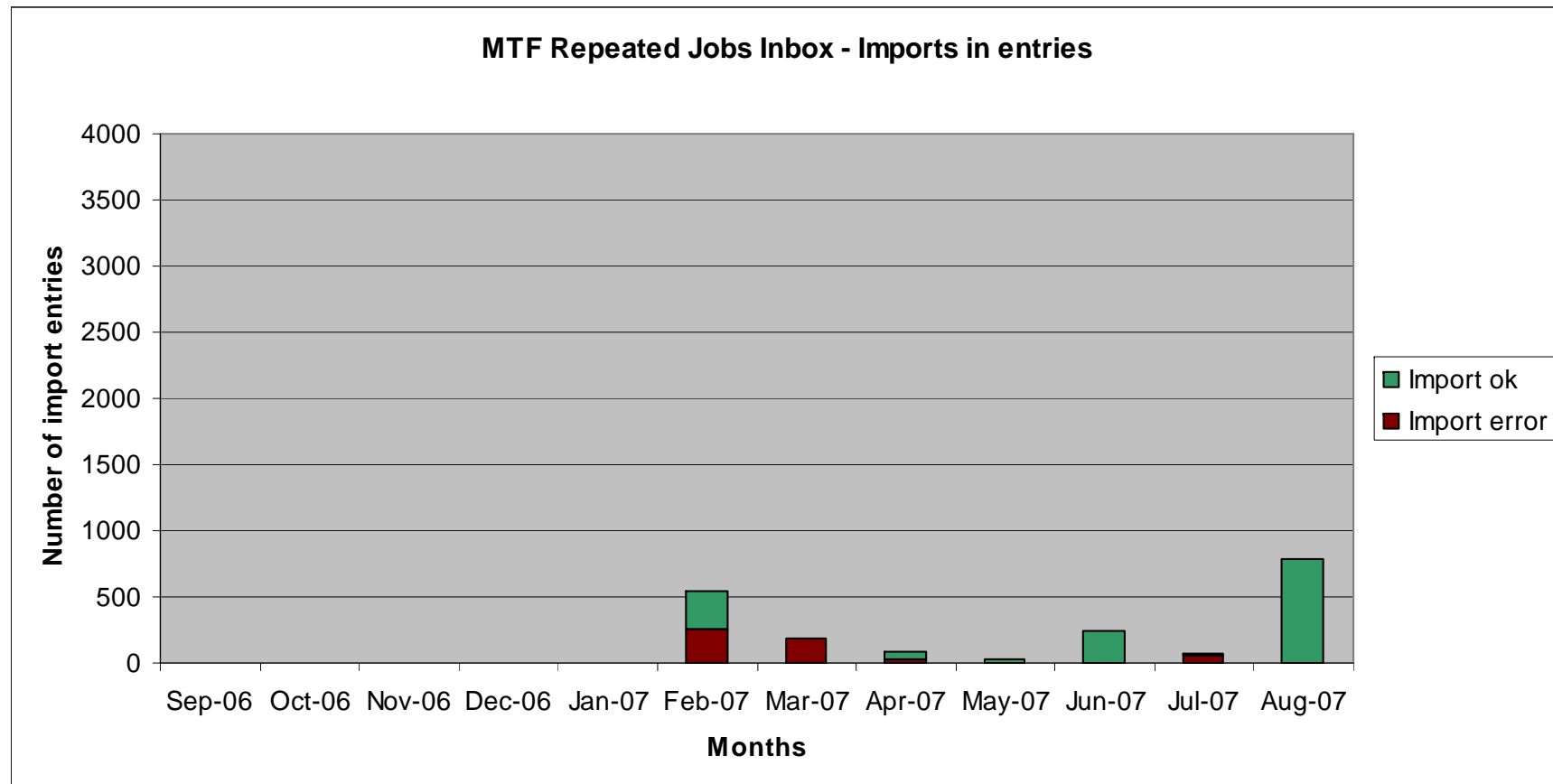
MTF Statistics

Number of import files/folders via MTF Repeated Jobs

	Dec06	Jan07	Feb07	Mar07	Apr07	May07	Jun07	Jul07	Aug07
Total import	2	1	11	2	2	2	3	2	8
Import error	0	1	5	2	1	0	0	1	0
(%)	0%	100%	45%	100%	50%	0%	0%	50%	0%
Import ok	2	0	6	0	1	2	3	1	8
(%)	100%	0%	55%	0%	50%	100%	100%	50%	100%

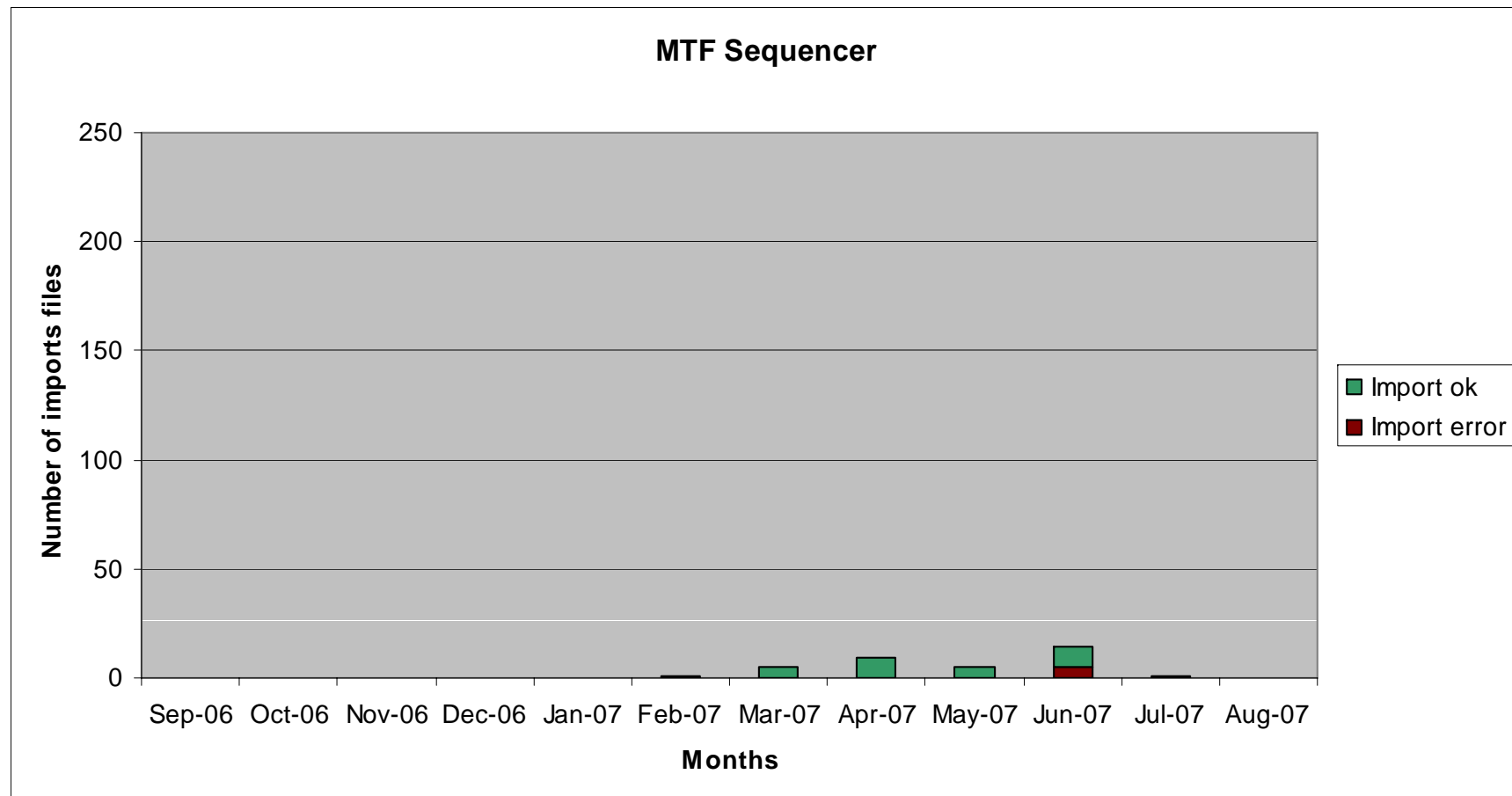
MTF Statistics

Number of import entries via MTF Repeated Jobs



MTF Statistics

Number of import files/folders via MTF Sequencer



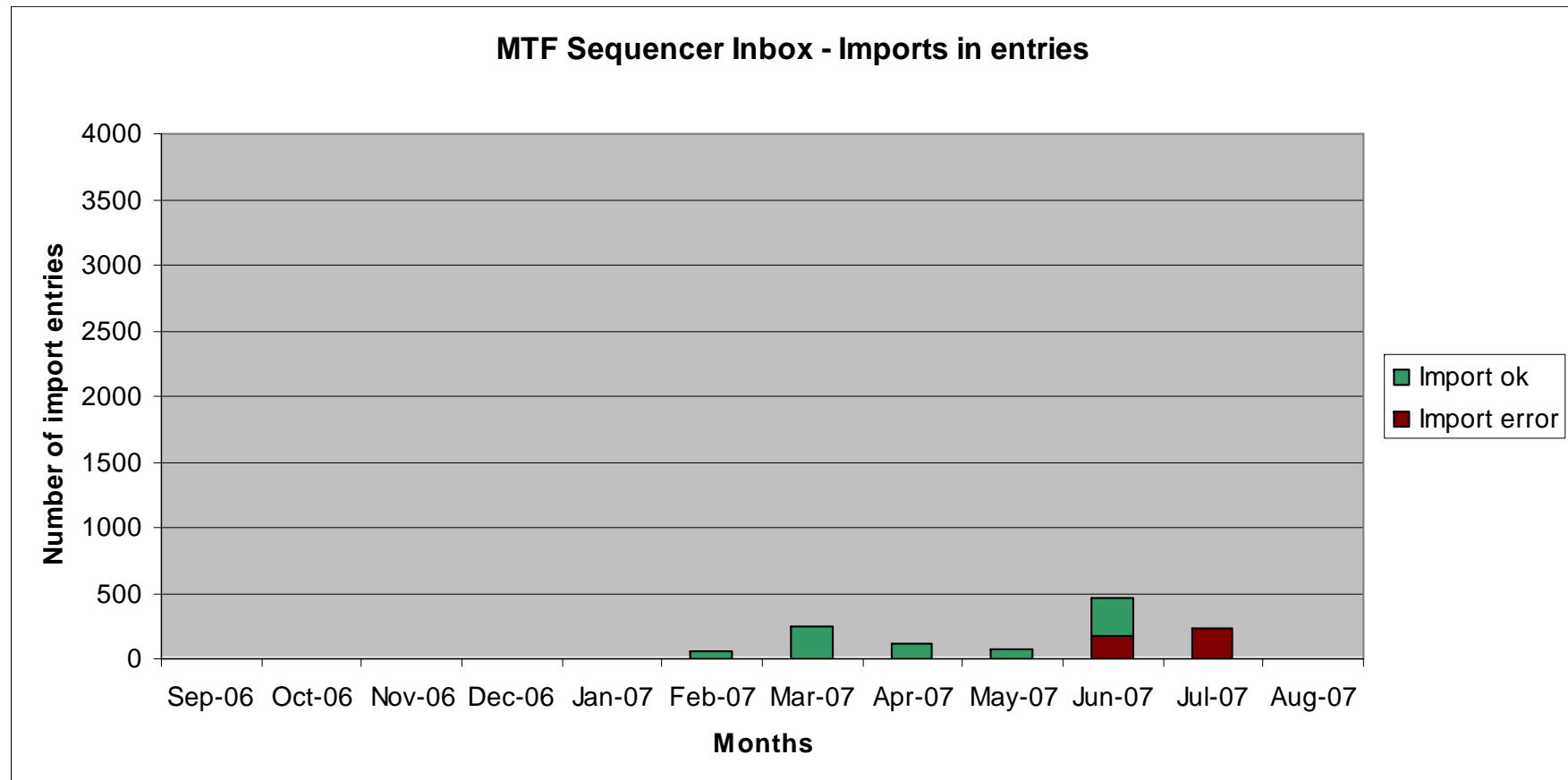
MTF Statistics

Number of import files/folders via MTF Sequencer

	Feb07	Mar07	Apr07	May07	Jun07	Jul07	Aug07
Total import	1	5	9	5	14	1	0
Import error	0	0	0	0	5	1	0
(%)	0%	0%	0%	0%	36%	100%	0%
Import ok	1	5	9	5	9	0	0
(%)	100%	100%	100%	100%	64%	0%	0%

MTF Statistics

Number of import entries via MTF Sequencer Inbox



MTF Statistics

Types of Errors

- Profile related problems

- Problems concerning access rights

- User mistakes

- Problems related to the system (MTF)

MTF Statistics

Number of Errors

- 728 - Error fetching Property type for
- 585 - Job does not exist

- 336 - User LHCHWCOM can not write into Equipment
- 199 - User LHCHWCOM can not write on ICF Job

- 184 - A Job can not be completed or cancelled on a date prior to its Object's creation

- 144 - Some fields (e.g. Completed on date) of a Completed or Cancelled Job can not be updated

- 142 - Slot does not exist
- 140 - A Job can not be completed or cancelled on a date prior to its creation

- 130 - Non valid Migration Code

- 93 - Invalid Job Status Transition

- 66 - Empty explanation

- 58 - A Job's actual start can not be in the future

- 53 - Error while inserting into mtfapi_step table

MTF Statistics

Number of Errors

- 44 - 'ActualStartDate' > 'ActualEndDate'
- 43 - Document already exists on MP5 with a different type
- 29 - Change in result not allowed for Completed
- 23 - User LHCHWCOM does not exist on link *
- 17 - A Job can not be completed in the future
- 14 - Job completion date must be passed
- 4 - Error 20601
- 4 - Error while inserting into mtfapi_property table
- 4 - Status should be 'Done' or 'Cancelled'
- 4 - Status should be 'In Progress'
- 3 - 20634 There is no association between
- 1 - Installation job was not found for the given object.
- 1 - Job cancellation date must be passed

MTF Statistics

Types of Errors:

Users mistakes:

- Some fields of a Completed or Cancelled Job can not be updated
- Invalid Job Status Transition
- Change in result not allowed for Completed
- 'ActualStartDate' / 'ActualEndDate' (format)
- A Job's actual start can not be in the future
- Job completion date must be passed
- Status should be 'Done' or 'Cancelled'
- Status should be 'In Progress'
- Job cancellation date must be passed