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IFSF Newsletter: November 2004

Developments in 2004

The IFSF has had a busy and productive year, and during 2004 there have been many updated and new releases of:

- Standards specifications
- Engineering Bulletins
- Administration Bulletins
- Software Tools
- Test Scripts

Development Highlights of the year:

Updated Specifications :

- Communications over LonWorks
- Communications over TCP/IP
- Dispenser
- Tank Gauge
- Code Generator
- POS to FEP Interface
- POS to EPS Interface
- Code Entry Device

New specification:

- Controller Device

Updated Software Tools:

- Self Certification Tool
- Forecourt Devices Simulator

New Software Tool:

- Controller Device Simulator

Test Scripts:

- During the year all test scripts for all devices have been progressively updated and refined to provide comprehensive and thorough testing

See pages 2 and 3 for a list of all the new documents and software which has been published during 2004.

Certification Procedures

Following the launch of the new IFSF Self Certification Test Tool and the associated range of test scripts new complimentary test procedures have also been introduced.

It is no longer necessary to have a printed certificate as all certificates, now produced as HTML documents, can be viewed on the IFSF web site Certification Report section.

Fees for certification approvals can now be paid online by credit card.

IFSF Administration Bulletin No. 08 provides details of the certification procedures.

IFSF Technical Workshop January 2004

The workshop was well attended and the presentations over the 2 days were many and varied. Several suppliers provided an insight to their experiences of implementing IFSF standards in their products and development tools, and there were presentations on topical issues such as EMV, POS to Host and Host to Host Interfaces.

All presentation material used can be downloaded by Members and Technical Associates from the IFSF web site.

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New/Updated Documents in the Library during 2004

Description	Date	Comments
Engineering Bulletins		
Engineering Bulletin No.08 SUBNET Addresses V1.20	May 2004	*Deals with the handling of Node Addresses in the new test tool*
Engineering Bulletin No.11 Common Field Formats V1.02	November 2004	*Now provides a format for the Diameter field*
Engineering Bulletin No. 13 Multi-Controller Implementation V1.00	November 2004	*New bulletin*
Administration Bulletins		
Administration Bulletin No. 08 Certification Procedures Version 1.01	January 2004	*Provides details of the testing and approval procedures including fee payment*
Administration Bulletin No. 09 Certification Scripts V1.08	November 2004	*Provides an up-to-date list of the available test scripts and how they are to be used*
IFSF Standards Specifications		
Part 1 - IFSF Management Introduction	May 2004	V3.01 *Major revision of all sections*
Part 2-01 Communications over LonWorks	November 2004	V1.87 *Additional information added to allow both implementations of "Read Recipient Address Table".*
Part 2-02 Communications over TCP/IP	June 2004	V1.02 *Glossary – Added definition for the 'Well known' IFSF Heartbeat Port.*
Part 3-01 Dispenser Application	August 2004	V2.20 *A general tidying of the document with error correction and clarification in several sections*
Part 3-03 Tank Level Gauge	November 2004	V1.24 *Comment added to all unsolicited messages stating they are without acknowledge.* *Definition of "configuration data" added.* *Format of level corrected.* *Format of Diameter invented.* *Tank Probe Database:-* *Data Id 10. Field format amended.* *Format of level returned to original format*
Part 3-17 Code Generator Specification	January 2004	V2.02 *When a new code is generated the following defaults apply: Account_Type=00H, GoodFor=1, and where the CGD has a real-time clock IssueTimeStamp and ExpiryTimeStamp (IssueTimeStamp + 10 days).* *Data_Id's 80 through 85 in the CGD System Configuration Database (03H) are described as commands. They are not. Commands have no associated date, have field type CMD and appear on the State Diagram. COMMANDS renamed to CODE*

Description	Date	Comments
		DATABASE HOUSEKEEPING. *Data_Id ForceZeroEnd, default value 0 added.*
Part 3-18 POS to FEP Interface	June 2004	V1.30 *Inclusion of ec-debit functionality* *Inclusion of EMV functionality*
Part 3-24 Code Entry Device Application	January 2004	V1.01 *DataID labels changed to be IXRetail XML Tag names compliant, in most cases this means removing any underscore characters and leading database address mnemonic.* *Label names made consistent across all IFSF specifications (without impacting on backwards compatibility) and descriptions made consistent*
Part 3-25 Controller Device V1.00	June 2004	V1.00 *New specification*
Software Tools		
0101 - Self Certification Tool (Test Engine)	September 2004	V2.2 *Functionality added to offset the node number being used, with any given test script*
2001 - Forecourt Devices Simulator	October 2004	V2.5 *Updated application so that all simulators handle logical and physical addressing, enabling 'Multi-Client' access (Many simulators operating independently on the same PC).Component file 'fm20.dll' included..* *Updated to provide Multiple 'Recipient address tables', Heartbeat' and Max_Block_Length' fields made available for each calculator in the dispenser simulator, which was previously shared.*
3001 - Controller Device Simulator	February 2004	V2.00 *Implemented use of multi-client driver and physical and logical node addressing.*