

BUSINESS JUSTIFICATION

FOR THE DEVELOPMENT OF NEW UNIFI (ISO 20022) FINANCIAL REPOSITORY ITEMS

A. Name of the request:

ATM Interface for Transaction Processing and ATM Management.

B. Submitting organization:

This request is being submitted by

- the IFX Forum, Inc. on behalf of its member organizations and in particular those members that have an interest in ATM processing which include ACI Worldwide, Bank of America, Brixlogie, Diebold, eFunds, JP Morgan Chase, KAL, Level Four, NCR, Phoenix Interactive, Wincor Nixdorf, FIS and others and
- EPASOrg A.I.S.B.L. on behalf of its member organisations (<http://www.epasorg.eu/spip.php?rubrique23>) and, in particular, members having an interest in ATM Services which include (but not limited to) ATOS Worldline, Consorzio Bancomat, Groupement des Cartes Bancaires, Groupe Desjardins, Monext, PAN Nordic Card Association, Poste Italiane, Redsys, SIBS, UniCredit Group, Wincor-Nixdorf.

C. Scope of the new development:

The scope of this development is to develop approximately 100 new ISO 20022 messages register-based on the ATM functionality of the IFX Forum Business Message Specification (BMS) with ISO 20022 and new ATM services at large to also include multi-channel functionality and new value-added services. The IFX BMS was developed as a cooperative industry effort between major financial institutions, service providers, and information technology partners to achieve a single, open financial services industry standard. The IFX BMS describes a client/server framework, specific message content and implementation advice for developing new financial industry services and software.

The proposed ATM functionality incorporated into the BMS specification to be developed focuses on the communication between the ATM and the host system(s) to include extensive transaction processing, security, ATM inventory, state of health, and terminal management.

D. Purpose of the new development:

The purpose of this development is to establish an industry-wide standard for the operation of ATMs. Today, ATMs are operated using a variety of proprietary message formats, all of which require different software to utilize. For the most part, these message formats are inflexible and use antiquated techniques such as downloads and screen/state technologies.

~~As there are now a number of IFX ATM implementations underway, it is the desire of the IFX Forum to pursue ISO 20022's endorsement in an effort to eliminate any need for a redundant XML standard to be developed.~~

The benefits of a single industry-wide standard are numerous. They include increased flexibility, faster time-to-market, multi-vendor capabilities, multi-channel capabilities, and the industry-wide reduction of proprietary message formats and their associated software development and maintenance. This last point can best be illustrated by reviewing some of the ATM industry initiatives that have taken place over the last few years. They include Y2K, triple-DES, EMV, remote key distribution, cash acceptance, and check acceptance to name a few. Had there been a single ATM standard in place, a significant amount of time and money would have been saved across all aspects of the ATM industry.

E. Community of users:

Organizations that would benefit from this request would be financial institutions, EFT processors, ATM software providers, and host software providers. Related to the benefits cited above it would not be uncommon for financial institutions and processors to support 4 or 5 different message formats. Likewise, ATM software vendors would typically support 2 or 3 message formats, while host software providers could support in excess of 12 or 15 different message formats.

F. Timing and development:

There is some urgency to this request ~~as ATM owners are currently in a migration period, moving their ATMs from an IBM OS/2 operating system to Microsoft Windows. This~~ and is an opportune time to provide ATM owners an option to move to an ISO 20022 endorsed standard.

To our knowledge, there are no XML specifications that address the ATM operating environment. ~~There are certainly none that are as robust and complete as the IFX Standard.~~

It would be the intention of the IFX Forum and EPASOrg to have the new candidate UNIFI business and message models developed and ready for submission to the RA by the end of Q4/2013.

G. Commitments of the submitting organization:

~~As in the past, the~~ Both the IFX Forum and EPASOrg ~~are~~ is willing to undertake the development of the candidate UNIFI business models and message models that it will submit to the RA for compliance review and evaluation. The submission will include Business Process Diagram (activity diagram), Message Flow Diagram (sequence diagram) and Message Definition Diagram (class diagram) with examples of valid and invalid XML instances of each candidate message.

~~The IFX Forum~~ Both organisations will be able to address any queries related to the description of the models and messages as published by the RA on the UNIFI website.

~~The IFX Forum~~ Both organisations confirms that members ~~of the IFX Forum~~ will test the actual implementation of the messages once the related documentation has been published by the RA.

~~The IFX Forum~~ Both organisations do -confirms to initiate and/or participate in the future message maintenance.

~~The IFX Forum~~ They also confirms ~~its~~ their knowledge and acceptance of the UNIFI Intellectual Property Rights policy for contributing organizations, as follows.

“Organizations that contribute information to be incorporated into the ISO 20022 Repository shall keep any Intellectual Property Rights (IPR) they have on this information. A contributing organization warrants that it has sufficient rights on the contributed information to have it published in the ISO 20022 Repository through the ISO 20022 Registration Authority in accordance with the rules set in ISO 20022. To ascertain a widespread, public and uniform use of the ISO 20022 Repository information, the contributing organization grants third parties a non-exclusive, royalty-free licence to use the published information”.

H. Contact persons:

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