



Enhancements to the Registration and Industrial Exhibition Modules

– Use of Credit Cards –

Ivan Andrian





Previous C/C management

The delegate saves his/her C/C data into the SPMS

The Registration Manager can access that data

Manual transfer should be done to a bank, i.e., via a Point Of Sale terminal

For the user, “valuable” data stays in a foreign DB



... in practice

DIPAC 2007 Administrator Pages Ivan Andrian

DIPAC 2007

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Open All Close All

D SPMS

- Editor/Proceedings Administration
- General
- Overall Database Administration
- Registration
 - Email
 - Payments and Invoices
 - All Attendees - View/Edit/Cancel
 - Process Credit Card Payments

This means:

Put those ugly numbers into a POS terminal

Hey, you've done a mistake!
Re-put the ugly...

Phew, it worked!

Re-do this 1000+ times...
Oooooops!





Real-time Credit Card Payment

The C/C data is managed by an external vendor

Never stored into, not even “passed” through, the SPMS

Higher logic needed

A contract between “you” and a bank is usually needed



Payment Types

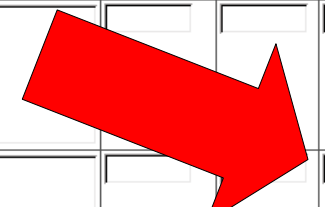
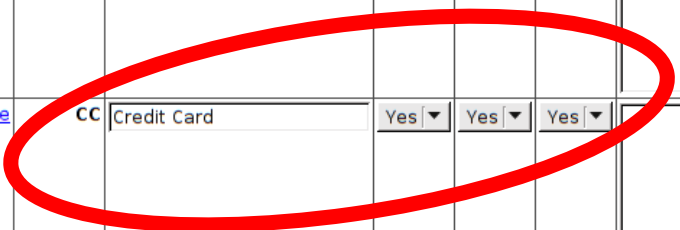
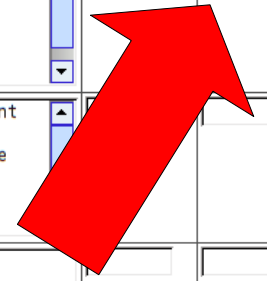
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	Payment Code	Payment Descr	Online Option	Conf Option	Credit Card	Instructions	Email Delay	Email Msg	Percentage Cost	Operation Cost	Waived
Delete	TRAI	BANK TRANSFER	Yes ▾	Yes ▾	No ▾	Bank Name: Antonveneta - Sede di Trieste Bank Address: Piazza della Borsa 11/a - Trieste - Italy IBAN code: IT37G050400223000000017860W	150	We have not yet received your payment for EPAC08 Industrial Exhibition. If you require details on how to pay please see https://www.epac08.org/index.php?n=Main.IERegistration			N
Delete	TRAN	Bank Transfer	Yes ▾	Yes ▾	No ▾	Bank Name: Antonveneta - Sede di Trieste Bank Address: Piazza della Borsa 11/a - Trieste - Italy IBAN code: IT37G050400223000000017860W	150	We have not yet received your payment which you have opted to pay by bank transfer, for EPAC08. If you require details on how to pay please see https://www.epac08.org/index.php?n=Main.Registration			N
Delete	CASH	Cash	No ▾	Yes ▾	No ▾						N
Delete	CC	Credit Card	Yes ▾	Yes ▾	Yes ▾						N
Delete	POS	POS Credit card	No ▾	Yes ▾	No ▾						N
Delete	WAVS	Sponsored by Industrial Exhi	No ▾	Yes ▾	No ▾						Y
Delete	WAVE	Waived	No ▾	Yes ▾	No ▾						Y





Payment Vendors

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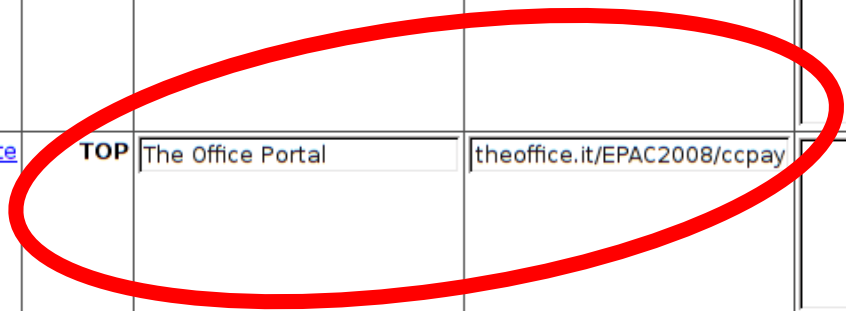


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Payment Vendor Codes : Master list of 3rd-party, Credit Card/Bank Transfer payment processing vendors.

Column	Comments
PAYMENT_VENDOR_CODE	
PAYMENT_VENDOR_DESCR	
ACTION_URL	URL supplied by the vendor to process CC payments.
PAYMENT_MSG	Optional. Message displayed to user when credit card payment is selected.
INPUT_TAG_TEXT	Optional. Vendor specified submit button to replace standard HTML submit button.
ACTION_URL_OVERRIDE	
IPN_DISPLAYS_INVOICE	
CONFIRMATION_URL	Optional. When specified SPMS will "call" this URL passing all name/value pairs specified on the Payment Vendor Variables page with a Var Type Code of "Confirmation" if the registration process succeeds.
FAILURE_URL	Optional. When specified SPMS will "call" this URL passing all name/value pairs specified on the Payment Vendor Variables page with a Var Type Code of "Confirmation" if the registration process fails.

	Payment Vendor Code	Payment Vendor Descr	Action Url	Payment Msg	Input Tag Text
Delete	PAY	PayPal	https://www.paypal.com/cgi-t		<pre><input type="image" src="https://images.paypal.com/images /x-click-but01.gif" name="submit" alt="Make payments with PayPal - it's fast, free and secure!"> Make payments with PayPal - it's fast, free</pre>
Delete	TOP	The Office Portal	theoffice.it/EPAC2008/ccpay		Please pay through The Office Portal





Registration System Parameters

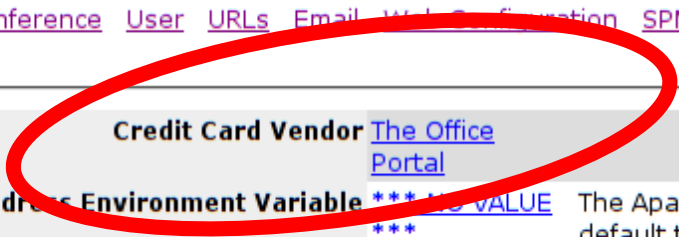
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Credit Card Vendor [The Office Portal](#)

IP Address Environment Variable [*** NO VALUE ***](#) The Apache environment variable that contains the IP address of the remote user. Leave blank to default to "REMOTE_ADDR".

IP Address List [*** NO VALUE ***](#) An optional list of IP address allowed to access registration pages. Separate each address with a comma. Leave blank to accept any IP address.

Late Fee Grace Period [0](#) The amount of time, in days, to wait prior to assessing a late fee.

Local Currency Symbol [EUR](#)

Missing Payment Email Message [...](#) Email message sent to registrants who provide no payment information.

Payment Email Text [...](#) Enter your additional text for the automated email confirmation message

Payment Prompt Notes [Note: You may can...](#) Text displayed on the registration payment screen.

Show Registration Invoices [Yes](#) Display an invoice when registration is complete





Payment Vendor Variables

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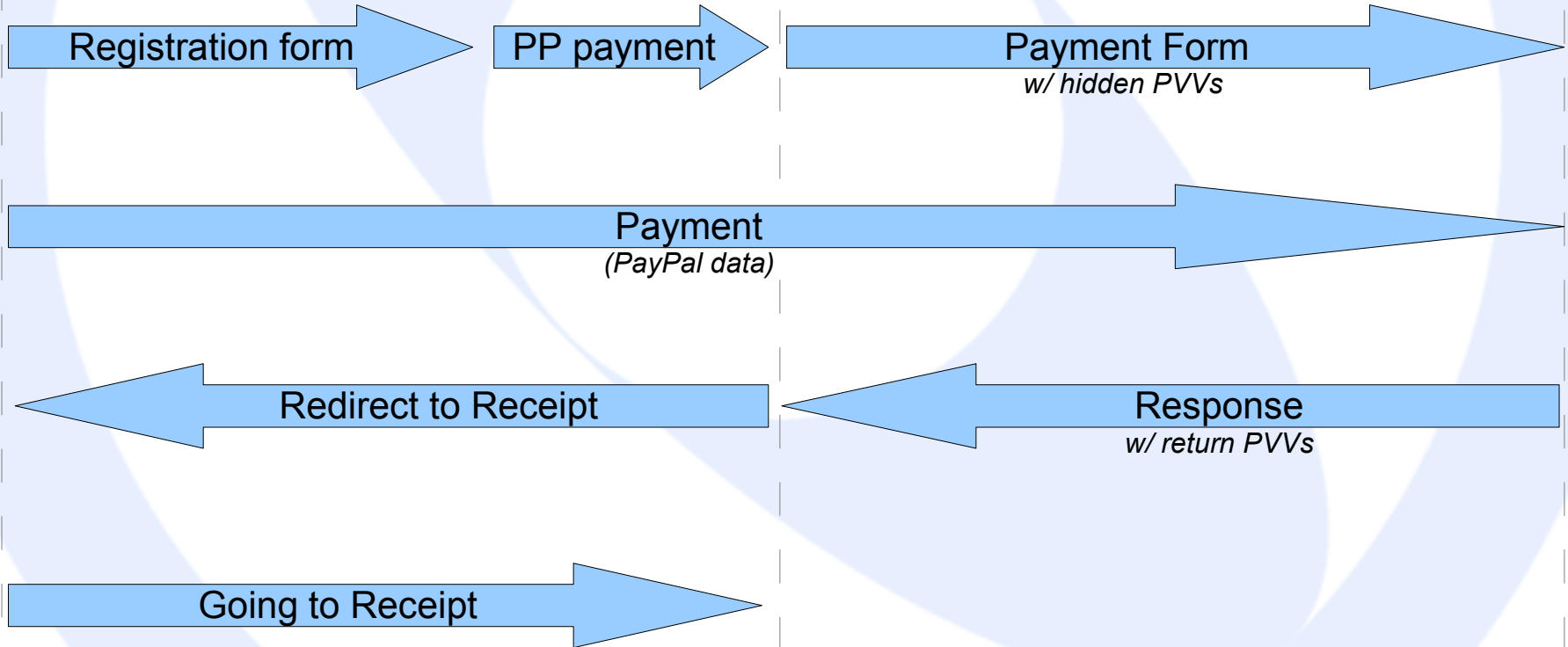
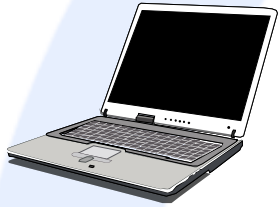


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Payment Vendor Variables: List of variables passed to/from the vendor.

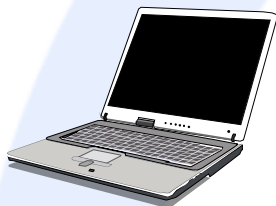
	Payment Vendor Code	Var Name	Spms Var Code	Var Text	Var Type Code
Delete	The Office Portal	amount	Amount		Hidden
Delete	The Office Portal	email	Email Address		Hidden
Delete	The Office Portal	first	First Name		Hidden
Delete	The Office Portal	regid	Registration IDs		Hidden
Delete	The Office Portal	invoice	Invoice		Hidden
Delete	The Office Portal	last	Last Name		Hidden
Delete	The Office Portal	uniqueid	Unique ID (internal)		Hidden
Delete	The Office Portal	username	User Name (unique)		Hidden
Delete	The Office Portal	amount	Amount		Return
Delete	The Office Portal	regid	Registration IDs		Return
Delete	The Office Portal	invoice	Invoice		Return
Delete	The Office Portal	tranid	Payment Confirmation ID		Return
Delete	The Office Portal	result	Payment Status	PAID	Return





The easy way: PayPal





Card Holder



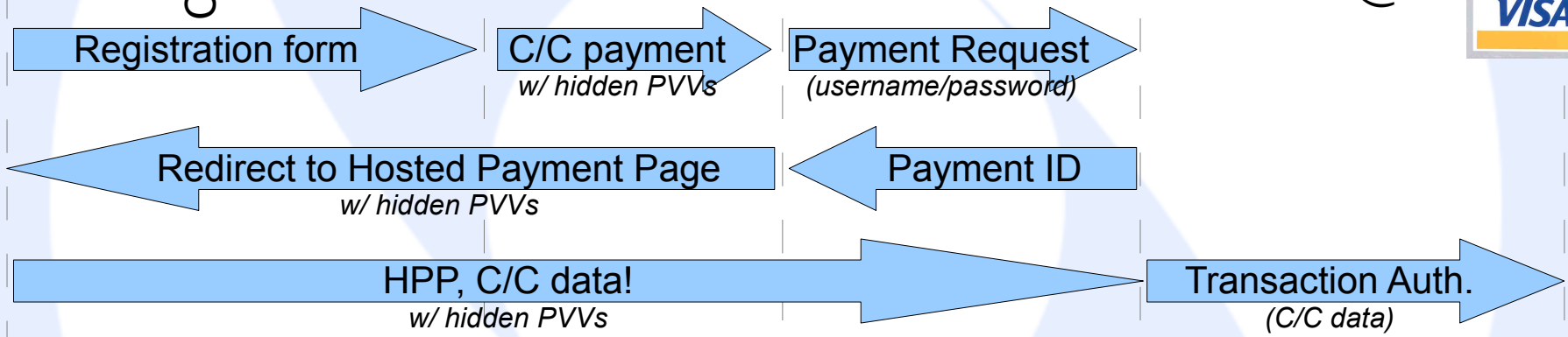

merchant

Consorzio Triveneto

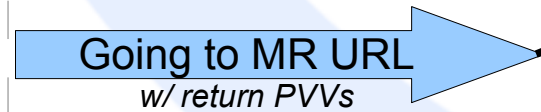
Payment Gateway
(C/C Vendor)



host



Description	Due	Paid	Notes
Registration Type : Individual Ordinary Member of EPS (and APS)	420.00	420.00	Processed on 17-JAN-08 12:43 PM (UTC +01:00) Credit Card payment
Total Fees	EUR420.00		
Total Received		EUR420.00	
Total waived		EUR0.00	
Balance Due		EUR0.00	



The hard way: C/C





Conclusions

Previous method deprecated, but sometimes requested (e.g., HB)

Shall we maintain it?

New system more professional and “automatic”

Less pain for Registration Managers...

... and for users as well!

Features come at a cost (the contract...)