

Bowling Green State University
BG@100 Action Item
ESC Submission: September 7, 2006

Identification Information:

<i>Reference Number</i>	FMS-A005
<i>Functional Area</i>	System
<i>Title</i>	Hide Sensitive Information on FMS Pages
<i>ESC Submission</i>	September 7, 2006
<i>ESC Decision Requested By</i>	September 11, 2006

Issue Description:

Protect the SSN/TIN anywhere it could be visible to the general campus community via custom security.

Background Information:

Virtually all individuals and organizations are assigned a Taxpayer Identification Number (TIN) which is used extensively in commerce for reporting purposes. A TIN takes one of three forms:

- 1) Social Security Number (SSN) - for individuals who are US citizens.
- 2) Employer Identification Number (EIN) – for any individual, partnership, corporation, foundation or other organization that pays employees.
- 3) Individual Taxpayer Identification Number (ITIN) – for resident aliens.

In the legacy AFIN system, there is no security feature that secures a SSN/TIN from view. On the contrary, a vendor's TIN is used in the vendor ID number, and is prefixed with an 'R' if the SSN is used.

In PeopleSoft the SSN/TIN is used in the Accounts Payable, Billing/Receivables and Grants modules, though in no case is it used as the ID number. Delivered PeopleSoft security uses a page as its lowest access control point, so denying access to the SSN/TIN would also deny access to other data on the page that users may need to see. Access to the SSN/TIN field on the relevant pages will be controlled by user role and permission list, so that only those individuals who need to enter, update or see the TIN will be able to do so. In addition, creation of custom views of the underlying tables will prevent unauthorized TIN viewers from 'going in the back door' to see TIN's by querying the tables.

This proposed customization will hide the SSN/TIN from unauthorized users in the Accounts Payable, Billing/Receivables and Grants modules, without denying access to other page values, plus allow authorized users access to SSN/TIN.

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Alternatives:

Alternative #1: Leave as is and let the SSN be viewed.

Alternative #2: Access to the SSN/TIN field on the relevant pages will be controlled by user role and permission list, so that only those individuals who need to enter, update or see the TIN will be able to do so. In addition, creation of custom views of the underlying tables will prevent unauthorized TIN viewers from seeing TIN's by running query reports against the tables.

The following table shows the pros and cons for the alternatives identified above.

#	Alternative	Pros	Cons	Notes
1	Leave as is	<ul style="list-style-type: none"> No customization costs 	<ul style="list-style-type: none"> Risk identity theft of vendors with potential financial liability 	
2	Custom security for pages and query tables	<ul style="list-style-type: none"> The University and it's vendors will be protected 	<ul style="list-style-type: none"> Cost of the customization 	

Costs - Alternative #1: None

Costs - Alternative #2:

Estimated Hours for Original Implementation	26 Hours	
Estimated Cost for Original Implementation	\$3900	Use \$150 times hours
Estimated Hours per Each Upgrade	13 Hours	
Estimated Cost per Each Upgrade	\$650	Use \$50 times hours

Schedule Considerations:

Alternative #1 – None

Alternative #2 – This will take 3+ days of design, development and testing. There is no impact on the go-live date because of the limited timeframe.

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Recommendation:

Alternative 2, Customize security for pages and query tables that contain SSN/TIN.

Recommendation Supported By:

Name	Project Role
Bruce Blandino	FMS Functional Lead
Maureen Ireland	FMS Functional Lead
Bill Gerwin	BG@100 Project Director

ESC Decision:

Vote:

Linda Dobb - For alternative #2
Ron Lancaster - For alternative #2
Bruce Petryshak - For alternative #2
Gaylyn Finn - For alternative #2
Chris Cox - For alternative #2
John Folkins - For alternative #2
Chris Dalton – Absent
Melissa Hudson-Nowak – Absent

ESC Decision Date: September 11, 2006