

PIF - Payroll integration framework

In almost every organization Time & Attendance data is used directly or indirectly for Payroll calculation. Yet, the level and complexity of integration requirements vary greatly from organization to organization. For some of them, data export from Time&Space plus perhaps some simple Excel reformatting may be just enough. For those requiring more advanced integration, the right solution is PIF - Payroll Integration Framework.

PIF software module provides a platform for easier integration of the Time&Space system with various Payroll systems. It connects directly to Time&Space database, accepts additional data entry, allows various data transformations and recalculations and provides a range of data export possibilities for virtually any data format. PIF itself offers several ready-made formulas for usual pre-payroll calculations such as hours totaling and rounding, various kinds of bonuses, lunch and commuting reimbursements, direct transfers of hours, etc.

PIF Reports

PIF has its own reporting capability. Like Time&Space Manager, PIF offers three report template types:

- Summary – most condensed report, showing users and their calculation on grid styled report,
- Detailed – each page shows detailed user calculation,
- Detailed with daily calculations – expands detailed report with day-by-day calculation details.

PIF Plugins

Functionality of PIF based solutions can be further expanded by adding and combining PIF plugins. There are three basic types of PIF plugins:

- Calculation plugins are used to perform specific calculations,
- Report plugins are used for producing specific reports,

Simple and easy user interface.

Built-in recalculation formulas and formats.

Powerful reporting and exporting.

Expandable with plugins.

Custom plugins for reports, exports and direct data links.

Custom plugins for additional rules and calculations.

Easy deployment and management (WebPIF).

- Export plugins are used for exporting data directly to payroll database or to support a non standard file format.

Spica provides a number of ready made PIF plugins, mainly for calculation management. For more advanced or specific integration requirements, custom plugins are made to specification. Custom PIF plugins are provided by Spica Time&Space development team only.

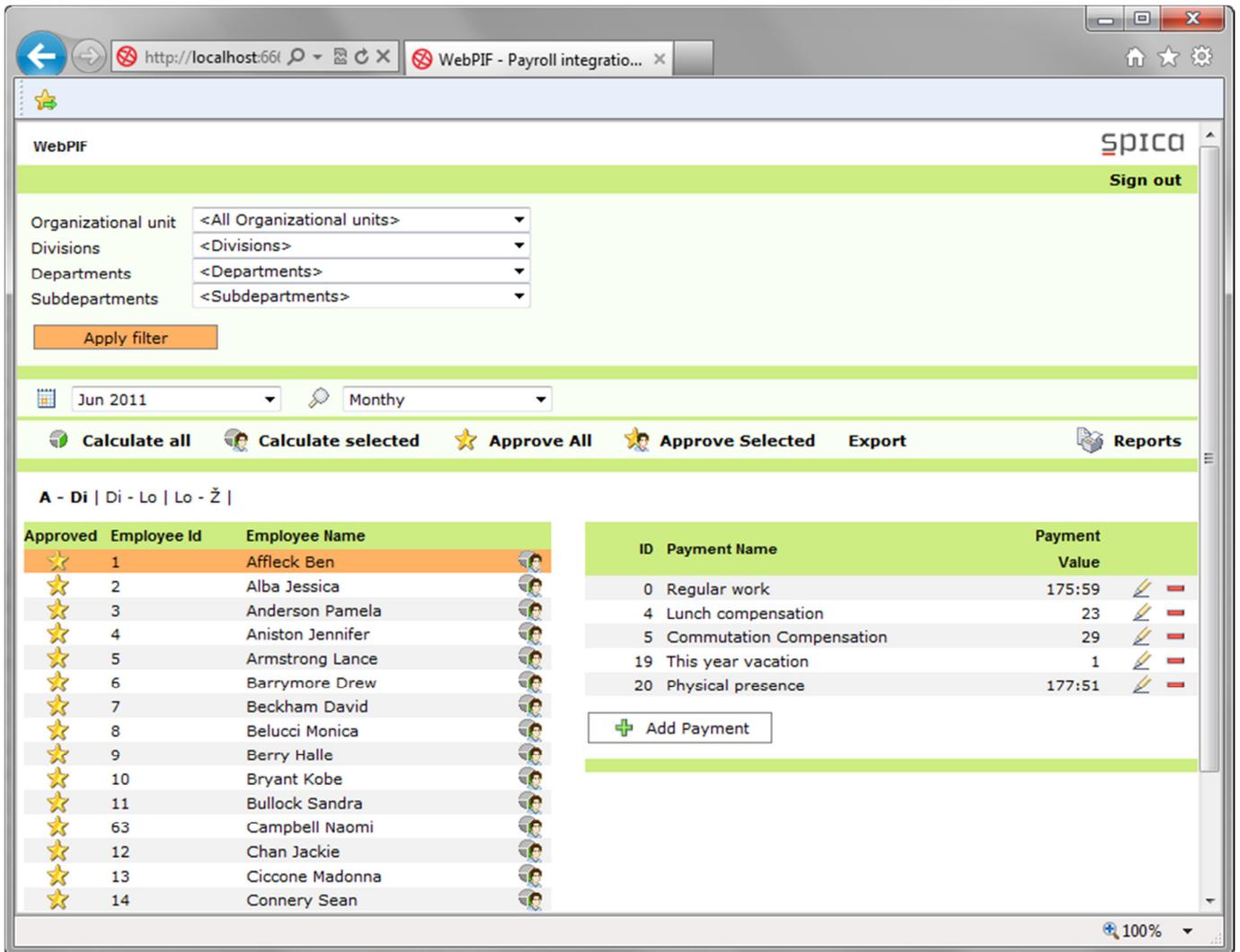
By combining ready-made and custom plugins virtually any integration requirement can be covered making PIF solutions not only powerful but also easily manageable.

Approval	Id	User	Department	Id	Payment	Value	Comment
1	1	Affleck Ben	Employees	0	Regular work	175.59	
2	2	Alba Jessica	Employees	4	Lunch compensation	23	
3	3	Anderson Pamela	Employees	5	Commutation Compensation	29	
4	4	Ariston Jennifer	Employees	19	This year vacation	1	
5	5	Armstrong Lance	Employees	20	Physical presence	177.51	
6	6	Barmore Drew	Employees				
7	7	Beckham David	Employees				
8	8	Belucci Monica	Employees				
9	9	Berry Halle	Subcontractors				
10	10	Bryant Kobe	Subcontractors				
11	11	Bullock Sandra	Employees				
12	63	Campbell Naomi	Employees				
13	12	Chan Jackie	Subcontractors				
14	13	Ciccone Madonna	Employees				
15	14	Conney Sean	Employees				
16	15	Cruise Tom	Students				
17	18	Damon Matt	Employees				
18	19	Depp Johnny	Employees				
19	21	Diaz Cameron	Students				
20	22	DiCaprio Leonardo	Subcontractors				
21	23	Diesel Vin	Employees				
22	24	Douglas Michael	Employees				
23	25	Freeman Morgan	Employees				
24	26	Gates Bill	Students				
25	27	Gellar Sarah Michelle	Students				
26	28	Gibson Mel	Employees				
27	29	Goldberg Whoopy	Subcontractors				

WebPIF

In addition to its conventional "fat" client, PIF can be also deployed using web service. Being a browser-only client solution, WebPIF considerably simplifies deployment and maintenance, which makes it ideal solution for a larger number of department and team managers. Web interface follows the same familiar guidelines set by the WebTS (Time&Space web client) so users can quickly adopt the new application.

WebPIF has also some limitations. Some administration and system setup functions like designing reports, managing a list of payments, editing calculation rules, etc. are not supported through web interface.



WebPIF spica **Sign out**

Organizational unit: <All Organizational units>
 Divisions: <Divisions>
 Departments: <Departments>
 Subdepartments: <Subdepartments>

Apply filter

Jun 2011 Monthly

Calculate all Calculate selected Approve All Approve Selected Export Reports

A - Di | Di - Lo | Lo - Ž |

Approved	Employee Id	Employee Name
★	1	Affleck Ben
★	2	Alba Jessica
★	3	Anderson Pamela
★	4	Aniston Jennifer
★	5	Armstrong Lance
★	6	Barrymore Drew
★	7	Beckham David
★	8	Belucci Monica
★	9	Berry Halle
★	10	Bryant Kobe
★	11	Bullock Sandra
★	63	Campbell Naomi
★	12	Chan Jackie
★	13	Cicccone Madonna
★	14	Connery Sean

ID	Payment Name	Payment Value
0	Regular work	175:59
4	Lunch compensation	23
5	Commutation Compensation	29
19	This year vacation	1
20	Physical presence	177:51

+ Add Payment

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