BPA Component Framework

Build No-code Solutions with SharePoint & Office 365

BPA

BPA Solutions is a leading global provider of innovative business software solutions based on Microsoft technologies. BPA delivers business solutions, web part bundles, mobile solutions and cloud services that empower organizations to build better relationships with both internal and external stakeholders.

Introduction

Companies have invested a lot in SharePoint technologies over the last 10 years. SharePoint's maturity has been reached for many businesses. Today, companies and organizations want to do more with SharePoint and leverage their investments.

Developing with SharePoint is complex, costly and time consuming. In-house developments are typically hard-coded, without much room for flexibility as the business needs grow, and are very hard to maintain in the long run, because application-development is not a core strength of businesses.

BPA Component Framework

"I tried 12 vendors' products - I don't really know how the product management process works internally at BPA, but that's a great job! The problems that are addressed by the web parts bundles are very common between developers and SharePoint projects".

Mohamed Saleh, SharePoint MVP

BPA has developed a unique component framework to create professional no-code solutions in hours/days.

This is the result of 10 years of continuous research and development with consultants, business experts and SharePoint/O365 developers. While many software vendors have a component approach, BPA's vision to develop coherent business solutions still remains.

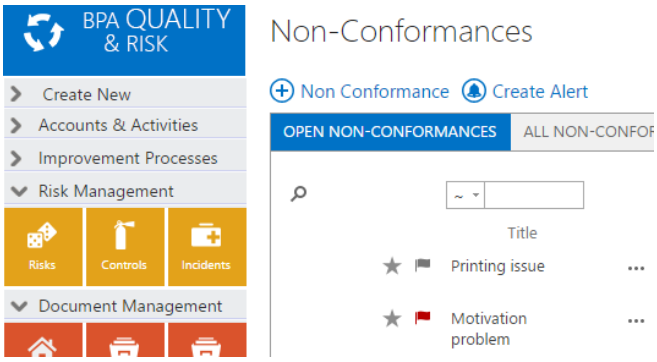
BPA's solutions drastically simplify user experience and improve user productivity with SharePoint and Office 365.

Simplifying User Interface

"BPA web parts gave me the feeling that they are loosely coupled but coherent and works perfectly together and this is what I was desperately looking for".

Mohamed Saleh, SharePoint MVP

End users can easily navigate in the system. The elegant navigation bar groups related topics by color and headings.



The tab component allows to dispose mixed content in a single page with huge flexibility, like data, charts, KPIs, calendars, reports, etc. Topic-related information is visible in one single page, improving the end user experience.

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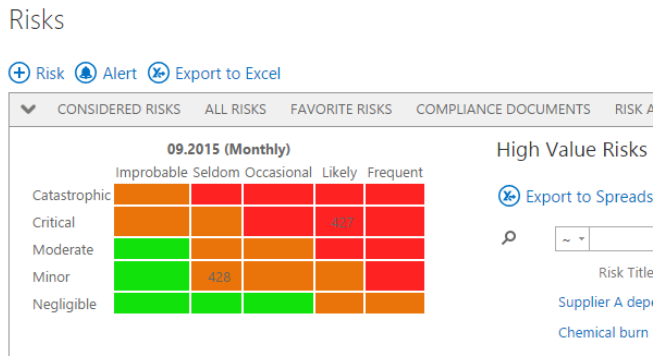
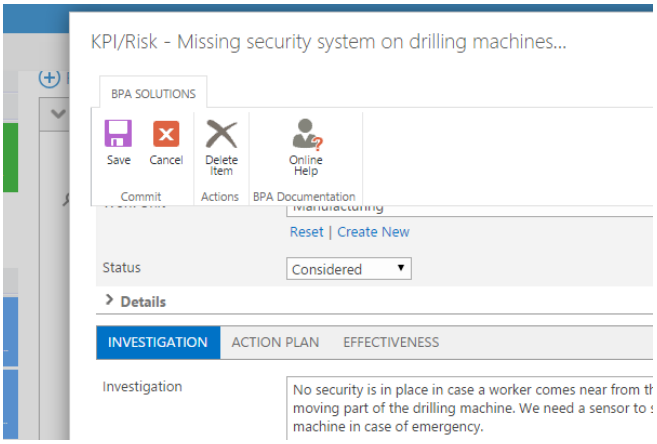
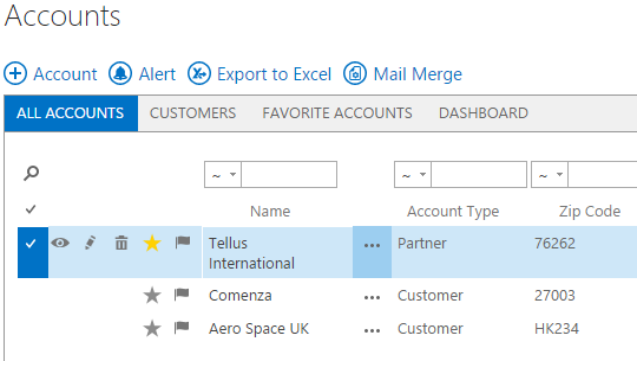


End users love BPA's prepopulated forms. Cascading lookup fields ensure coherent data is entered in the system. BPA's form was developed to maximize end users experience when working with data.



BPA gives power users full control on the user interface. Creating new pages, tabs, buttons and forms is straightforward.

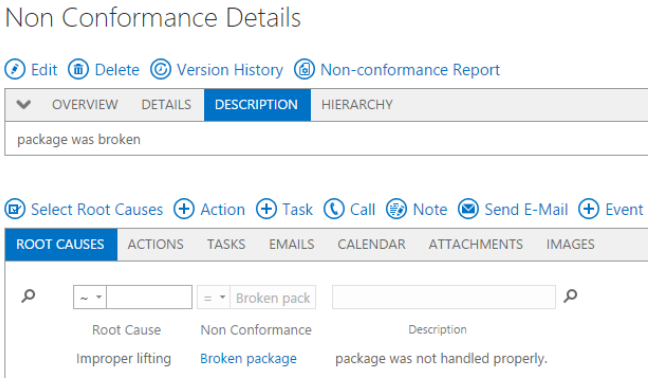


Maximizing User Productivity

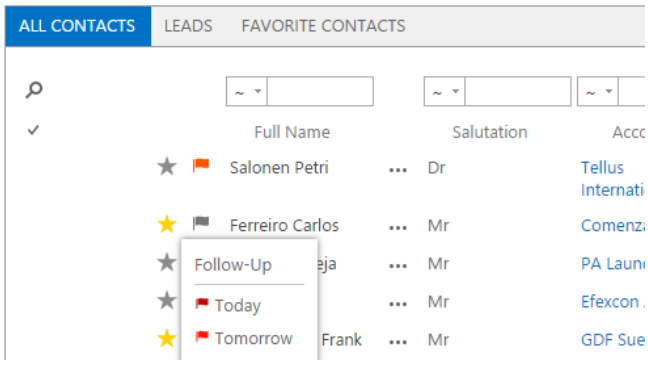
"One of the toughest challenges in building a data-centric line of business application on top of SharePoint is the user experience of many-to-many relational data model, BPA product engineering team tackled this challenge perfectly".

Mohamed Saleh, SharePoint MVP

BPA brings all related data in one single page, drastically improving the end user productivity when working with the system.



In one click, end users can select an item as a favorite or create a follow-up task with a reminder. This makes activity management easy in the daily business.



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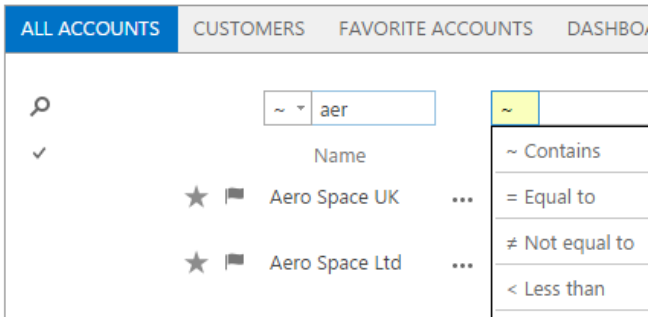
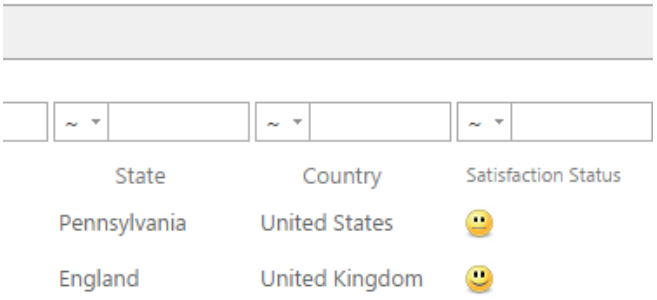
Searching large lists by typing brings instant results. Many operators are available to quickly search items between two dates, etc.



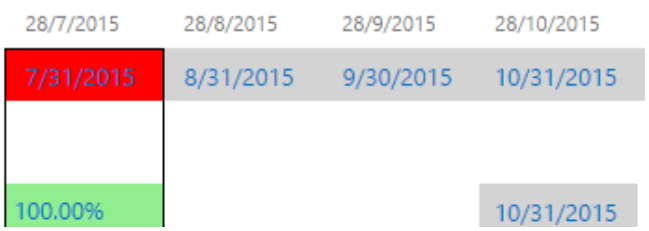
"I've been there for years, and I was solving these problems by writing a lot of event receivers and nasty custom SharePoint fields' code, and it was messy".

Mohamed Saleh, SharePoint MVP

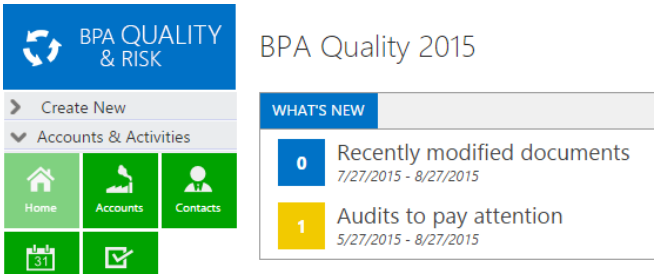
Colored flags tell end users about the efficiency of any process. Calculations can be performed on related child lists.



Inline calendar makes it easy for end users to visually track recurring events, like controls, maintenance or audits.



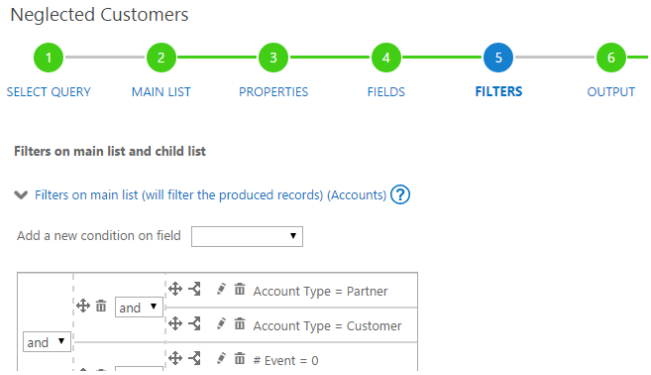
End users and managers have a snapshot views of what's new when connecting to the system.



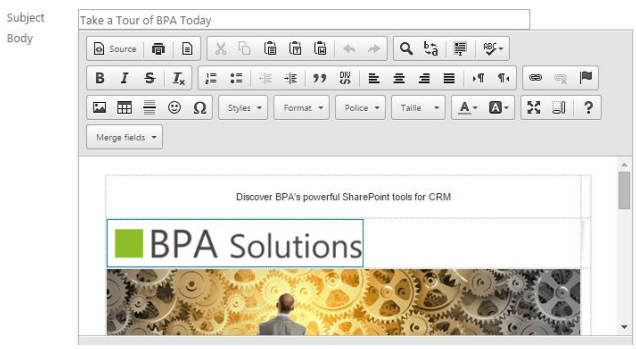
"I have built something similar to BPA Query, but honestly, BPA Query is greater and easier to use than what I already built".

Mohamed Saleh, SharePoint MVP

Extracting data from many lists and building shared reports is straightforward using BPA's query wizard.



The emailing module ensures end users send coherent information using prebuilt email templates, directly from the interface.



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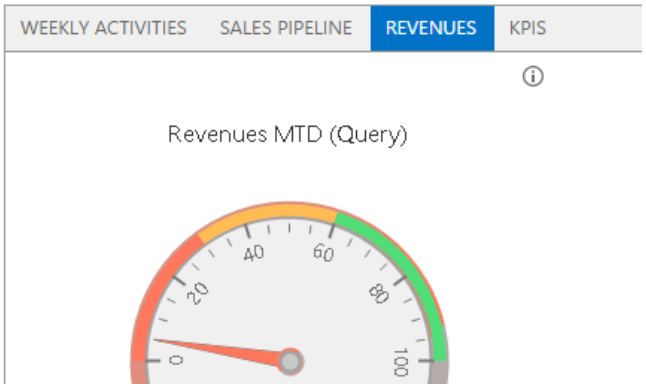
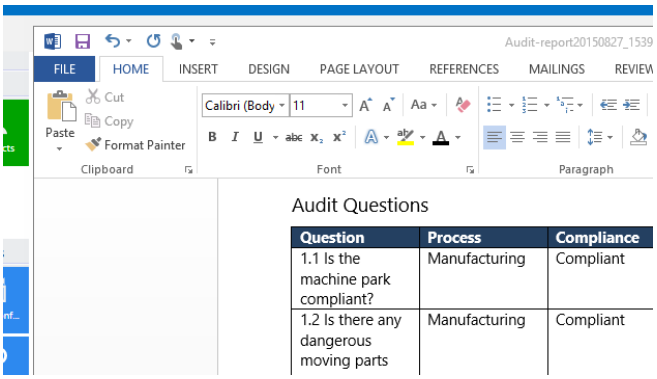
End users can drill down charts and view related data. 15 types of interactive charts are available.



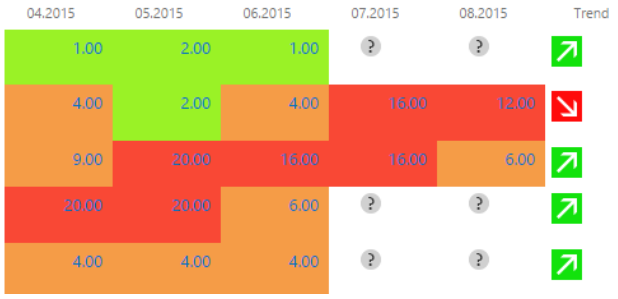
"I had to use SharePoint designer workflows to do the document generation/automation".

Mohamed Saleh, SharePoint MVP

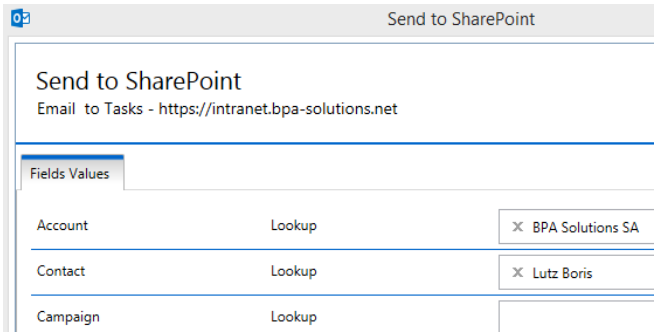
By clicking a button, end users can produce formatted word documents including list content.



The scorecard component makes sure all KPIs are tracked in a central location.



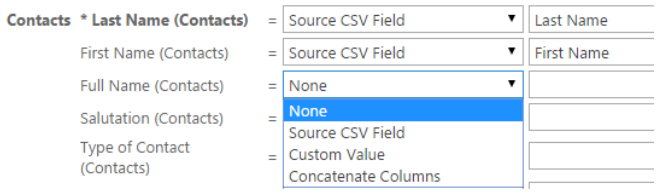
A seamless integration with Microsoft Office allows end users to copy important emails and attachments in the system.



"When it comes to data import, we usually do it manually using scripts and copy paste".

Mohamed Saleh, SharePoint MVP

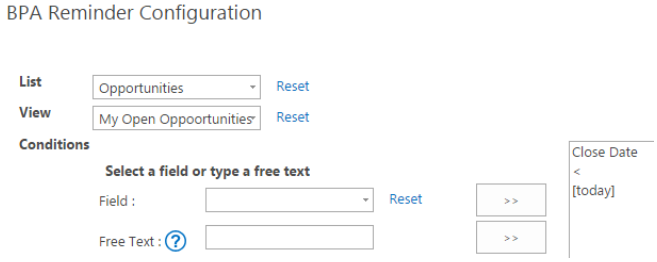
End users can easily mass import data in BPA from an Excel file. Field mapping is easy and straight.



Powerful Administration Tools

BPA provides many tools for power users to automate back-office processes and monitor performance.

You can define your own reminder rules for end users based on conditions, for any list.



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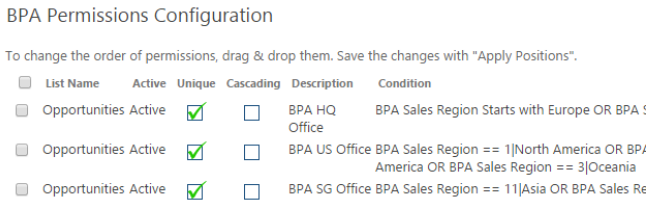
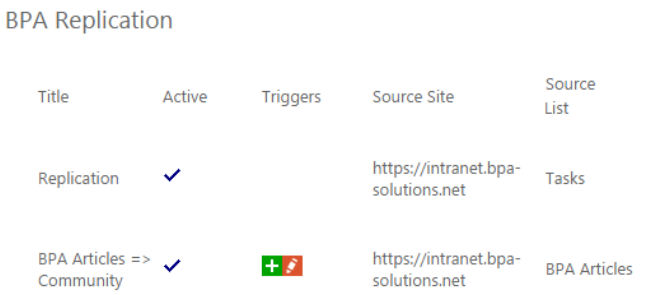
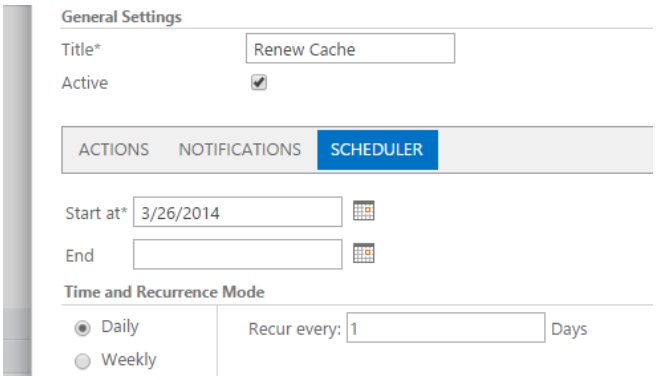
BPA's permission component allows power users to dynamically change item-level permissions based on configurable rules, for any list.



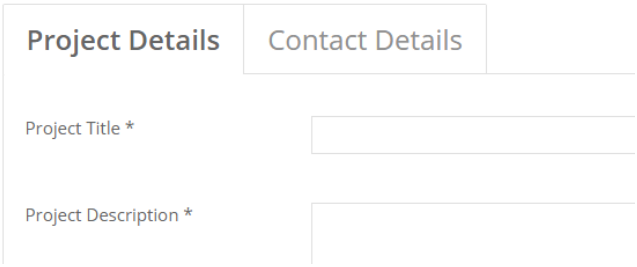
Replicate or consolidate data between different sites or servers. This component is a must for companies having different locations or subsidiaries.



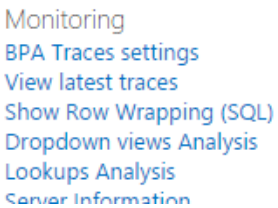
The job scheduler executes recurring tasks in the background when specified, like generating reports, starting replication, setting permissions, refreshing KPIs, etc.



Connect any list with any web site using our web form generation tool. Submitted form data will be automatically added to your sites.



Additional tools allows organizations to connect with their existing databases or ERP systems, performing workflow actions and monitoring performance.

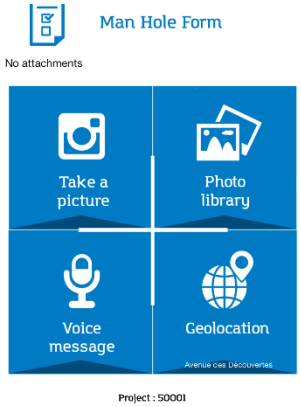


Mobile Apps

At BPA we are conscious that mobility is the future. We are investing a lot into our new generation of mobile apps, using rapid app development platforms. Our mobile apps are compatible with any device or tablet and provide a simple user experience (UX).

End users can access any SharePoint or Office 365 content anytime and from anywhere, even offline. BPA supports native AD, Azure AD or ADFS authentication services.

Many features like geolocation, handling photos or voice recording are embedded to improve user experience and productivity.



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Conclusion

BPA has developed the only component framework to-date to build no-code business solutions with SharePoint and Office 365. BPA's components are used by hundreds of organizations worldwide to manage quality and risk processes but also customer or stakeholder relationships or any other business processes.

"BPA gives the control back to line of business managers. Our solutions can be adapted to any business need in hours/days with no development. BPA makes SharePoint the most powerful business platform in the market."

Dr. Boris Lutz, CEO BPA

BPA's coherent component framework drastically improves the end user experience and productivity with SharePoint technologies.

BPA gives the shortest amortization time and highest return on investment when looking for a business platform.

BPA Solutions

- Leading provider of SharePoint-based business solutions
- Strong business + SharePoint expertise
- 800+ customers, 50+ partners

BPA Component Framework

- Simplify user experience
- Maximize user productivity
- Build no-code solutions in hours
- Shortest amortization time
- Best ROI

Microsoft SharePoint & O365

- #1 collaborative platforms
- Better user productivity
- Better user adoption
- Low cost
- No risk

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