

# What's Hot in ERP

## 7 Trends for 2017

### 1 Intelligent ERP

Automated workflows - more than just collecting data, it's setting up actionable triggers for select events



By 2018, 35% of line of business leaders will demand intelligent enterprise applications to improve business processes and resource utilization.<sup>1</sup>

### 2 Big Data/BI

(Business Intelligence)

- Data as a competitive edge - holistic view of company performance
- Integrated functionality
- Real-time data



More focus on the end user, less on IT - the biggest trend within BI will be that it becomes far easier to use for the average person...and anyone will be able to run reports and pull data as opposed to someone skilled in running SQL queries.<sup>2</sup>

Business Intelligence ERP - Organizations these days focus more on making better predictions by using ERP software with specialized business intelligence. BI-enabled ERP applications enable organizations to provide dynamic reporting, providing end users with exactly what they want to see, when they want to see it.<sup>3</sup>

### 3 User Experience

(Mobility/Accessibility/Responsiveness)

Less work at desk, more outside of the workplace



The modern workplace has staff working remotely and outside of traditional work hours...as a result, there will be a huge emphasis on implementing mobile capabilities for ERP solutions in 2017, [with] many ERP solutions decreasing in size, without compromising on output or storage capacity, to allow employees easy access to all information and functions through mobile devices.<sup>2</sup>

### 4 Security

Business systems, role-based security capabilities at a user level, encryption capabilities



More regulations, rising security threats and evolving technologies, including increasingly connected and sophisticated ERP platforms, have resulted in application security becoming more critical and even more complex to manage.<sup>4</sup>

### 5 Private Cloud

The evolving shape of the Cloud

Licensing software as they would for on-premises use, but running it in a public or private cloud.<sup>4</sup>



### 6 Traceability 2.0

- Traceability up and down the supply chain
- Recording, tracking and reporting quality
- Don't forget regulatory landscape...
- Evolving regulatory and quality system requirements
- ISO standards, AS9100, ITAR (international traffic in arms), conflict minerals (3TGs)
- 21 CFR part 11



### 7 Not Your Father's Supply Chain

- Efficiency both downstream & upstream
- Optimized value network, real-time decisions, extended network and collaboration, e-business
- Customers are part of supply chain - recalls, organic marketing, demand process
- Inventory management



Supply chains have seen record recalls...Processes and organizations need to be redesigned, sometimes radically, in order to simplify interactions. Companies address complexity already by reducing human input (increasing automation), consolidating suppliers, reshoring and, increasingly, simpler product designs.<sup>5</sup>

1. IDC, IDC FutureScape: Worldwide Intelligent ERP 2017 Predictions 2. CIO, What 2017 holds for enterprise software 3. TechStory, Top 5 ERP Software Trends To Know For Successful Implementation! 4. TechTarget, The Top Seven ERP Trends for 2017—and Beyond 5. IndustryWeek, 10 Supply Chain New Year's Resolutions for 2017