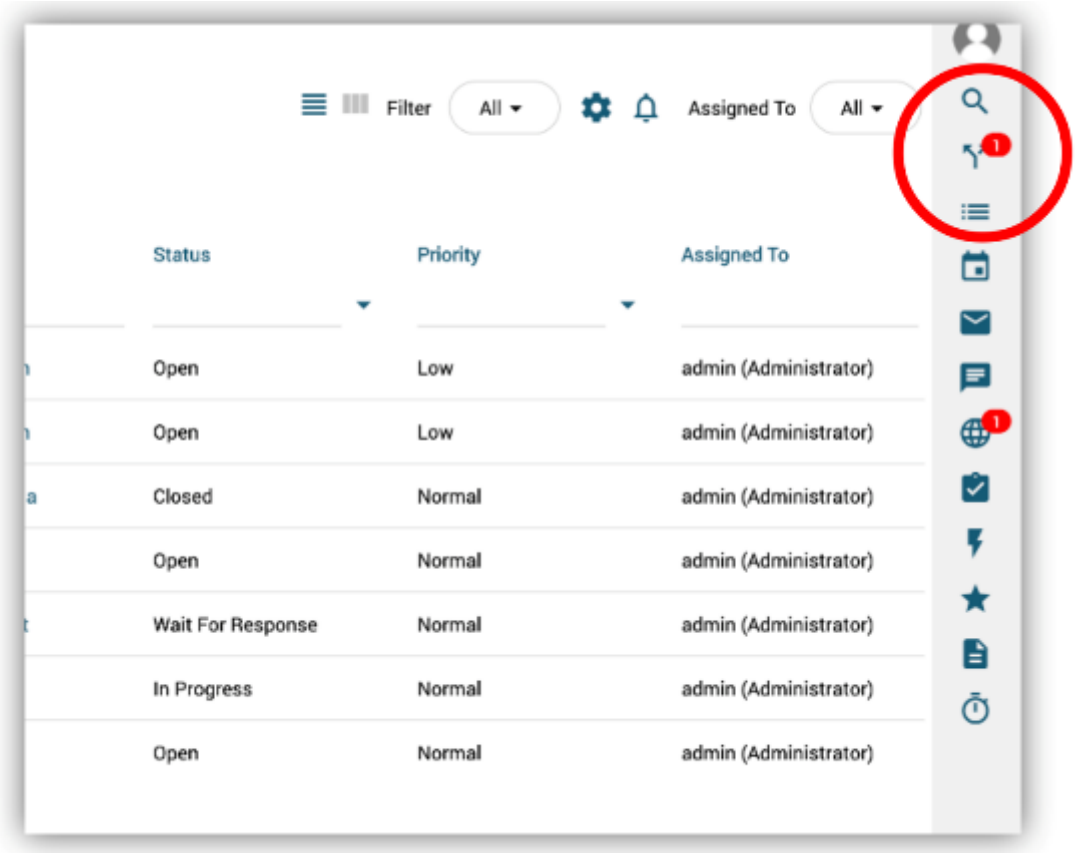
vtenext Business 19.10 Release Note

Automatic Updates via Interface
This feature simplifies keeping the system up-to-date, ensuring that new functionalities are released more frequently, with milestones for technical constraints (e.g., PHP version requirements).

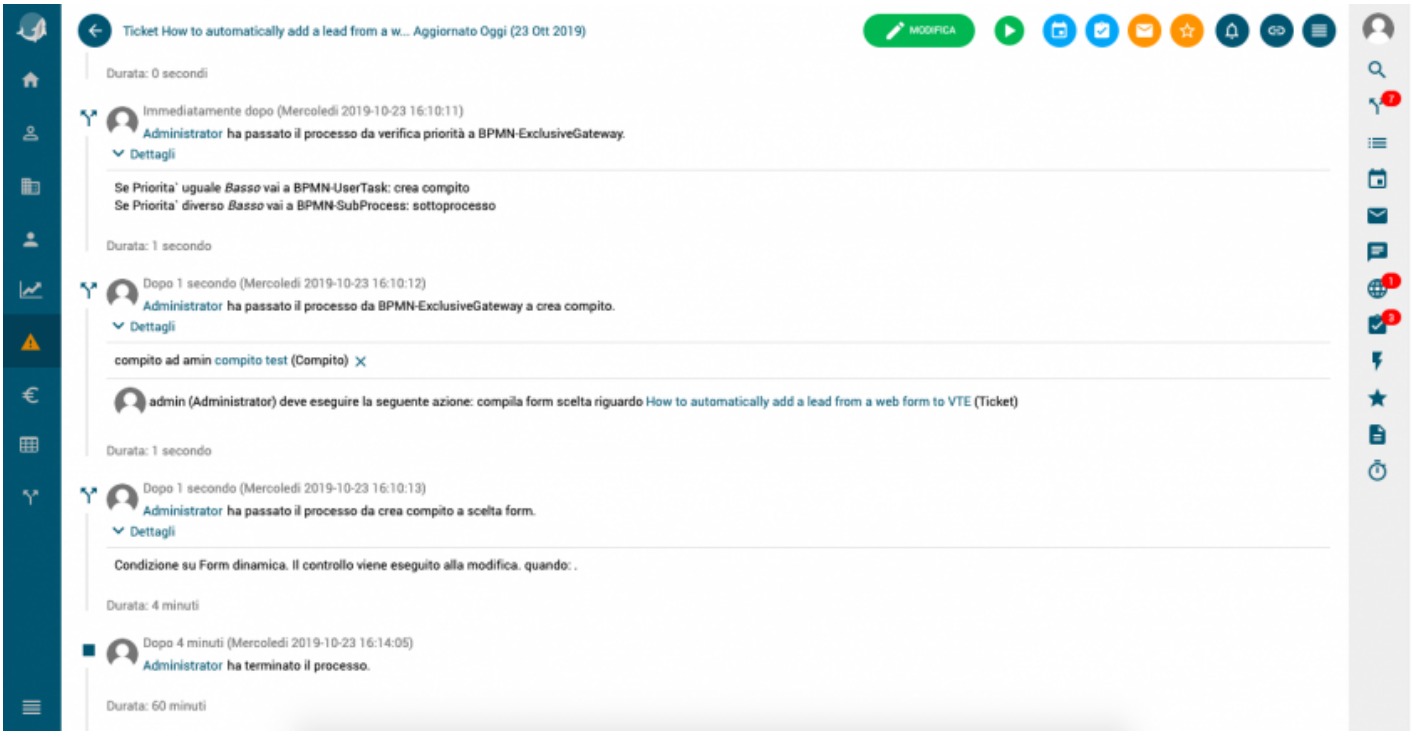
BPMN Engine Enhancements

1. **Deadline Management**: Dynamic time periods can be set for timers, e.g., 3 months before a contract expiration date.
2. **Notification Sending**: The centralized notification system can be triggered by processes, for single notifications or looping over a table field.
3. **Transfer Relations**: Allows transferring (1:N) or copying (N:N) related entities from one record to another.
4. **Loop Through Related Entity Tables**: Enables looping through a table field in a record related to the current process record.
5. **Date Functions**:
   - International date formatting
   - Current date (formatted)
   - Date difference calculations
6. **PDFMaker**: Enables selecting entities and records for PDF generation and supports multilingual templates within processes.
7. **Attachments via Dynamic Forms**: Upload files directly from dynamic forms/popups and link them to the parent record of the process.
8. **Extended Attribute Reading for Web Service Client**: Handles multiple JSON results from web service calls and accesses all first-level attributes of the returned object.
9. **Improved Process GUI Editor**: Enhancements for usability and compatibility.
10. **Filterable and Sortable Process List**: Easier navigation through process listings.
11. **Interactive Right-Side Indicator**: Displays pending user tasks (web/mobile). Clicking the icon opens a complete list of pending processes.



Human-Readable Process Activity History

Provides a narrative list of process execution steps, as an alternative to the classic BPMN view.



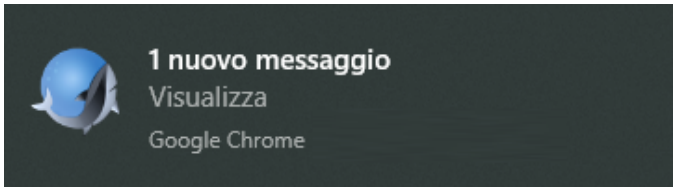
Customer Portal SDK Extensions

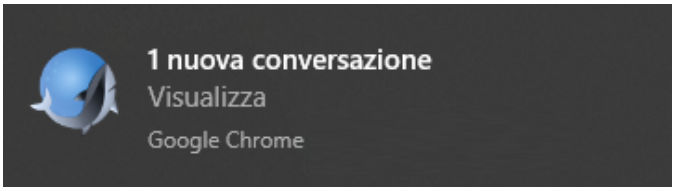
1. **Wizard for EditView Creation**
2. **Support for Custom Modules**

3. **Automated Calendar Slot Booking**

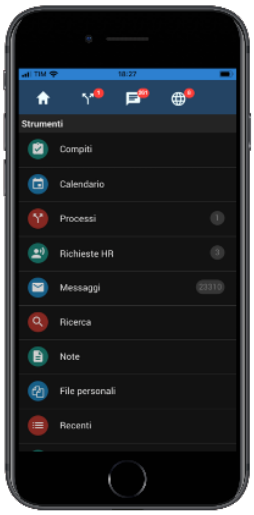
Desktop Notifications

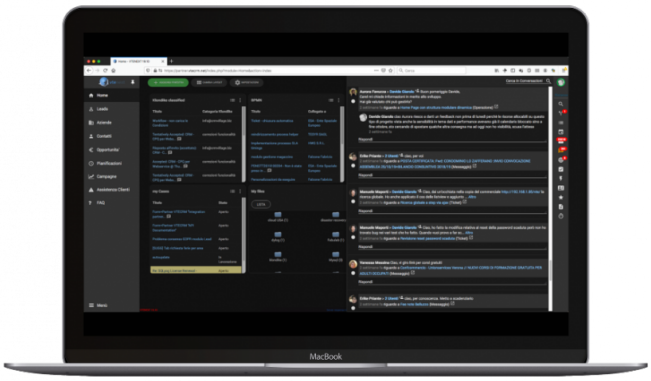
When new messages or conversations arrive, a system notification appears. Clicking it opens a detail tab for quick viewing.





Dark Mode





Introduces dark mode for both web and mobile versions, aligning with modern OS aesthetics while removing legacy and unoptimized code.

Mobile App Updates

1. **Dark Mode Support**
2. Highlight pending processes in the top menu.
3. Zoom functionality for messages ("a-A") and improved accessibility view.
4. Minor improvements and bug fixes.

VTEsync for Information Platform

Native synchronization with Salesforce® via OAuth2, supporting bidirectional communication for:

- Companies
- Installations
- Campaigns
- Leads
- Opportunities
- Products
- Trouble Tickets

Performance Optimizations

1. Native support for MySQL master-slave architecture for reports, list counts, global searches, relationship counts, and data exports.
2. Reduced cache footprint from single to global APC/memcache.

System Requirements

1. HTTP2 support.
2. PHP FastCGI support.
3. Minimum PHP version: 7.0.

Artificial Intelligence (AI)

Native integration with Klondike:

- Cloud as a Service with pre-trained models.
- On-Premise for specific contractual/project needs.

Miscellaneous

Over 100 new features and improvements were implemented as part of 10 months of continuous bug fixing. The detailed changelog is available for review.

Revision #1
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