

What's New V 08 01

Timing at a glance



Moved from 12 mos to 6 mos
release cycles



08 01 release date

+ 170 Specific Improvements

10 Sept 18



08 02 release date

content emphasis:

- AI assisted Knowledge Capture
- Evaluation Automation
- Compelling UX

10 April 19

New Features of Interest

08 01

1. Assessment Control Usability

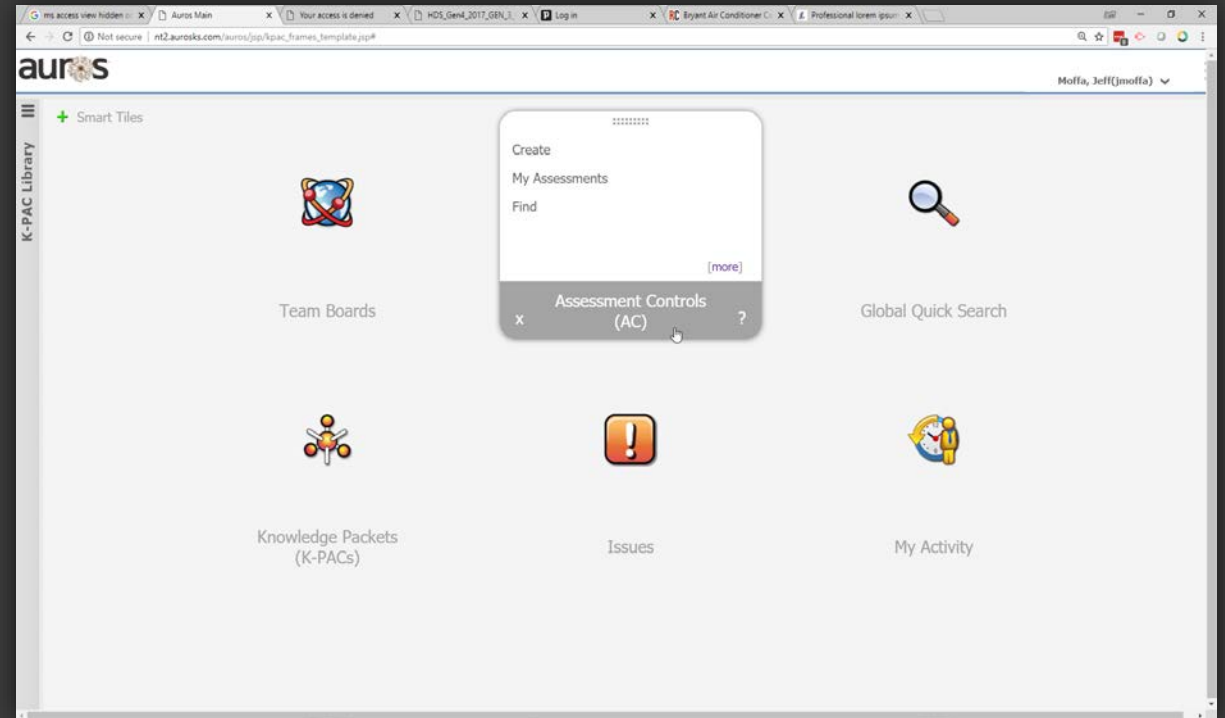
- Bar Chart filtering
- Completion Graph
- Layout and Navigation simplification

The screenshot displays the 'Power Systems Assessment Control' software interface. On the left, a 'Pass-Fail Filter' bar chart shows the distribution of items: 4 Red, 9 Yellow, and 23 Green. The main table lists assessment items with columns for Pass-Fail status, K-PAC ID, Status, Multimedia, and Description.

Pass-Fail	K-PAC ID	Status	Multimedia	Description
NE Yellow	DEHO-2	V2		Desired Engagement of console locator Pins to Hinge. Minimum and Maximum engagement length of locator. The location feature must be at least 45% of the part thickness but no more than 60% of the part thickness. Design the locating feature to make contact with the mating component with the prescribed minimum engagement (plus chamfer) before any other contact during sub-assembly.
NE Yellow	DEHO-3	V2		Counterbore Standard Depths Use this standard to determine the appropriate counterbore depth for a given bore depth.
NE Yellow	DEHO-4	V3		This Best Practice will aid a designer in applying hinge design criteria. The hinge thickness determines the buffer space required for the grommet placement. Bulleted list here: <ul style="list-style-type: none">• Grommet to Hinge• Hinge to Substrate• Substrate to Hinge
NE Yellow	DEHO-8	V2		Nominal Hinge Thickness for Assembly Type A
NE Yellow	DEHO-9	V1		Hole Radius: Minimum engagement length of locator. Design the locating feature to make contact with the mating component with the prescribed minimum engagement (plus chamfer) before any other contact during sub-assembly. (Not required for heat staked components.)
NE Yellow	DEHO-10	V1		Hole Distance between centers: Minimum engagement length of locator. Design the locating feature to make contact with the mating component with the prescribed minimum engagement (plus chamfer) before any other contact during sub-assembly. (Not required for heat staked components.)
NE Yellow	DEHO-15	V1		Most commercial polypropylene is isotactic and has an intermediate level of crystallinity between that of low-density polyethylene (LDPE) and high-density polyethylene (HDPE). Polypropylene is normally tough and flexible, especially when copolymerized with ethylene. This allows polypropylene to be used as an engineering plastic, competing with materials such as acrylonitrile butadiene styrene (ABS). Polypropylene is reasonably economical, and can be made translucent when uncolored but is not as readily made transparent as polystyrene, acrylic, or certain other plastics. It is often opaque or colored using pigments. Polypropylene has good resistance to fatigue. The melting point of polypropylene occurs at a range, so a melting point is determined by finding the highest temperature of a differential scanning calorimetry chart. Perfectly isotactic PP has a melting point of 171 °C (340 °F). Commercial isotactic PP has a melting point that ranges from 160 to 166 °C (320 to 331 °F), depending on atactic material and crystallinity. Syndiotactic PP with a crystallinity of 30% has a melting point of 130 °C (266 °F). The melt flow rate (MFR) or melt flow index (MFI) is a measure of molecular weight of polypropylene. The measure helps to determine how easily the molten raw material will flow during processing.

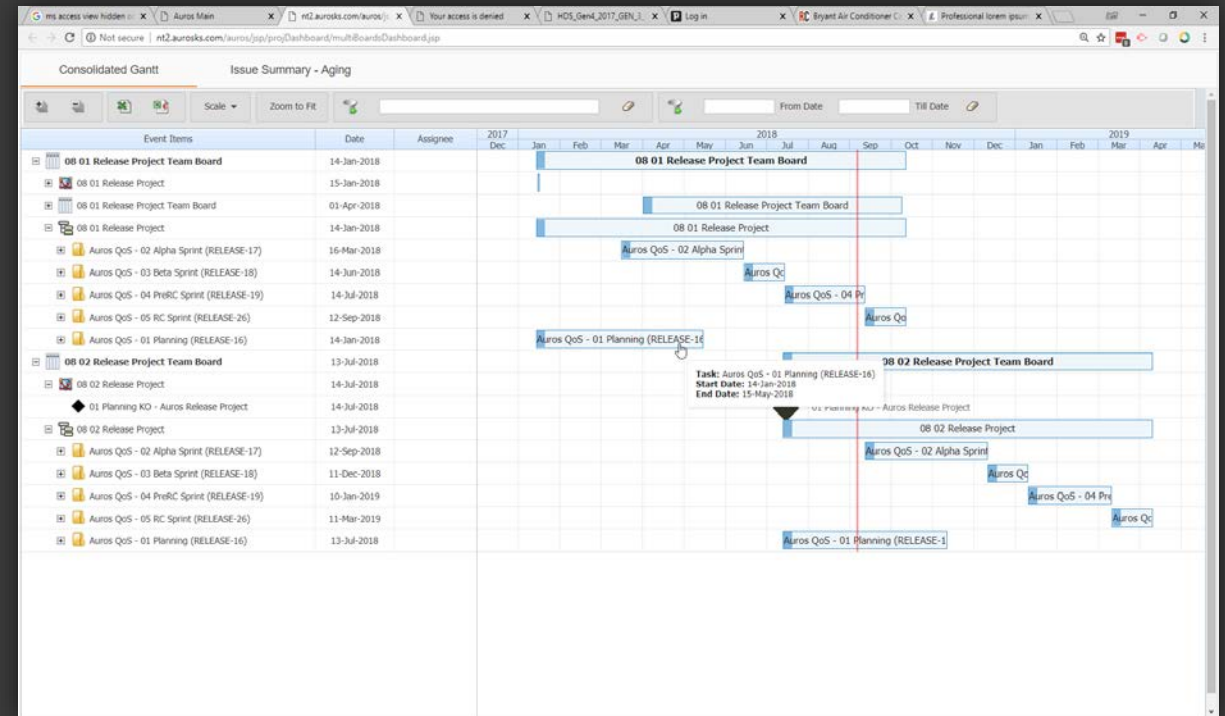
2. Smart Tiles

- Activity first navigation.
- Designed for Infrequent users.



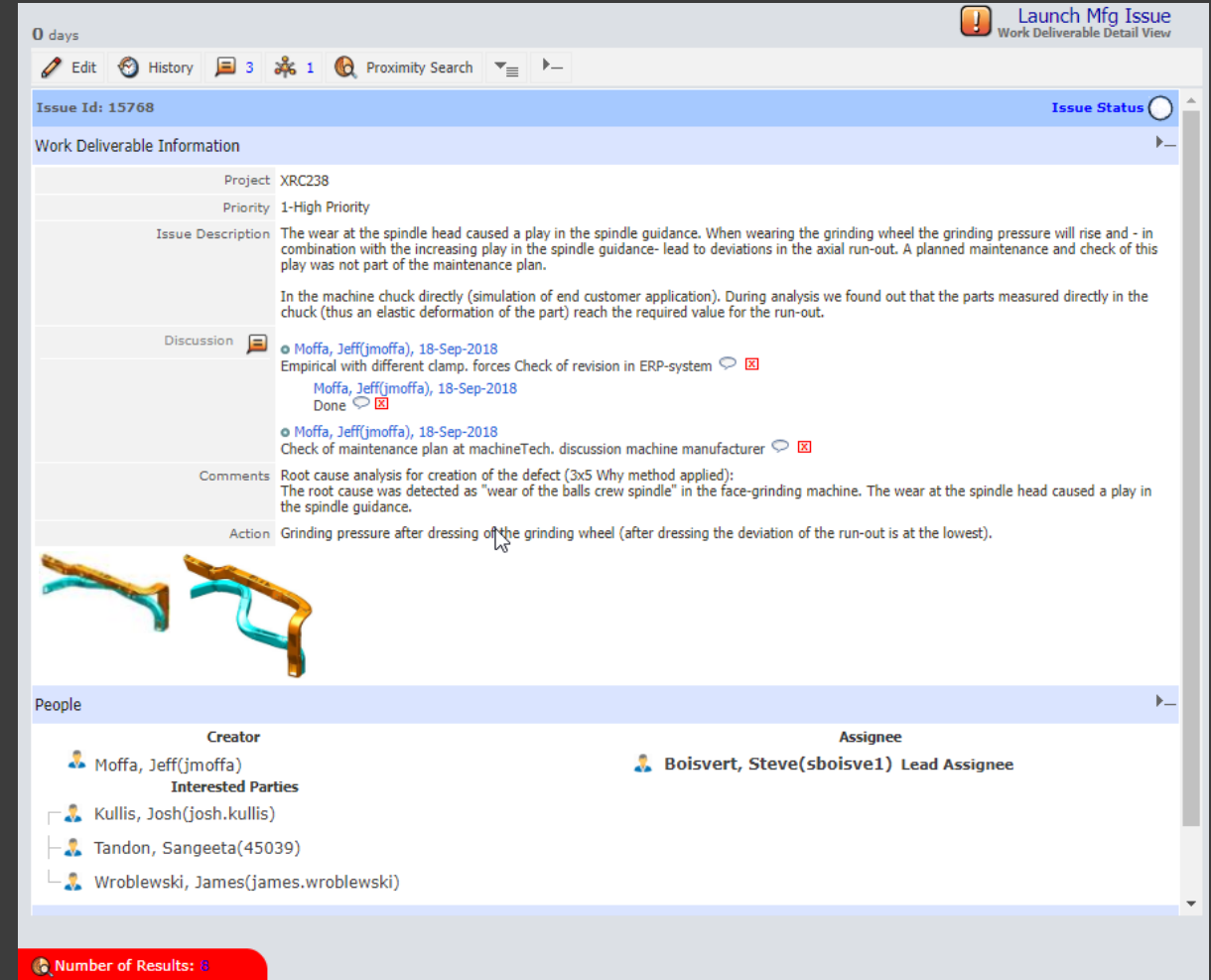
3. Project Space Teamboard Summary View

- Composite information across user's TeamBoards



4. Continuous Learning

- Create K-PAC from issues
- Part of broader vision for the 'Auros' continuous learning automation



0 days Launch Mfg Issue
Work Deliverable Detail View

Edit History 3 1 Proximity Search

Issue Id: 15768 Issue Status

Work Deliverable Information

Project: XRC238
Priority: 1-High Priority


Issue Description
The wear at the spindle head caused a play in the spindle guidance. When wearing the grinding wheel the grinding pressure will rise and - in combination with the increasing play in the spindle guidance- lead to deviations in the axial run-out. A planned maintenance and check of this play was not part of the maintenance plan.
In the machine chuck directly (simulation of end customer application). During analysis we found out that the parts measured directly in the chuck (thus an elastic deformation of the part) reach the required value for the run-out.

Discussion

- Moffa, Jeff(jmoffa), 18-Sep-2018
Empirical with different clamp. forces Check of revision in ERP-system
- Moffa, Jeff(jmoffa), 18-Sep-2018
Done
- Moffa, Jeff(jmoffa), 18-Sep-2018
Check of maintenance plan at machineTech. discussion machine manufacturer

Comments
Root cause analysis for creation of the defect (3x5 Why method applied):
The root cause was detected as "wear of the balls crew spindle" in the face-grinding machine. The wear at the spindle head caused a play in the spindle guidance.

Action
Grinding pressure after dressing of the grinding wheel (after dressing the deviation of the run-out is at the lowest).



People

Creator	Assignee
Moffa, Jeff(jmoffa)	Boisvert, Steve(sboisve1) Lead Assignee

Interested Parties

- Kullis, Josh(josh.kullis)
- Tandon, Sangeeta(45039)
- Wroblewski, James(james.wroblewski)

Number of Results: 8

5. Issue Aging

- Issue aging data collection
- Visualization and reports for aging

0 days Launch Mfg Issue
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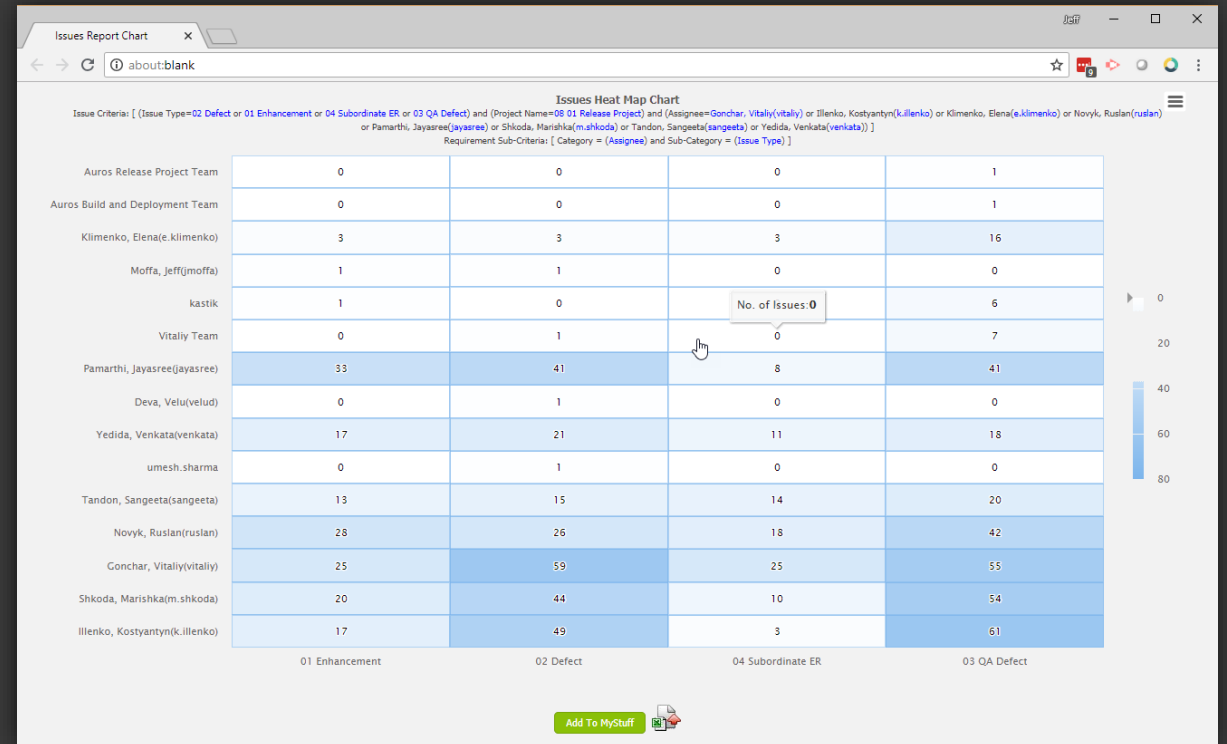
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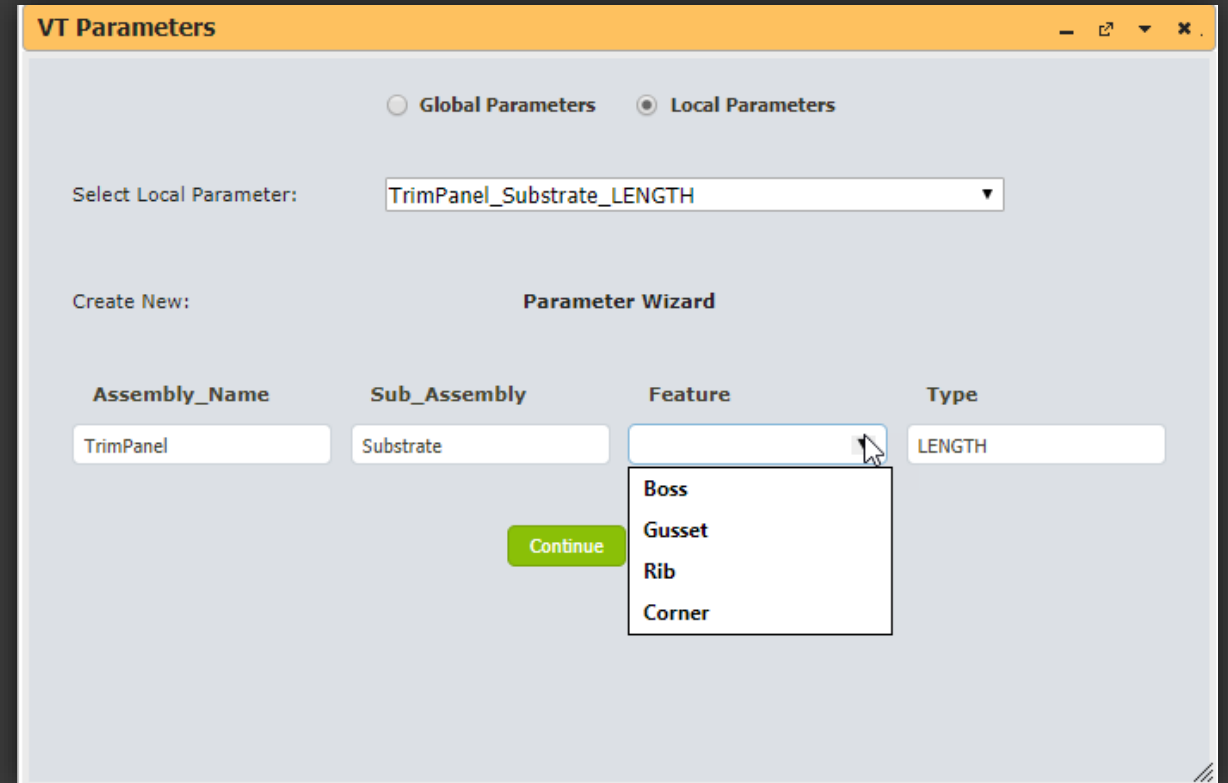
6. Issue Heat Map

- Visualization of Issue with flexible cross references



7. Parameter Naming Wizards

- Key to the Auros 'Flexible Design Automation' strategy



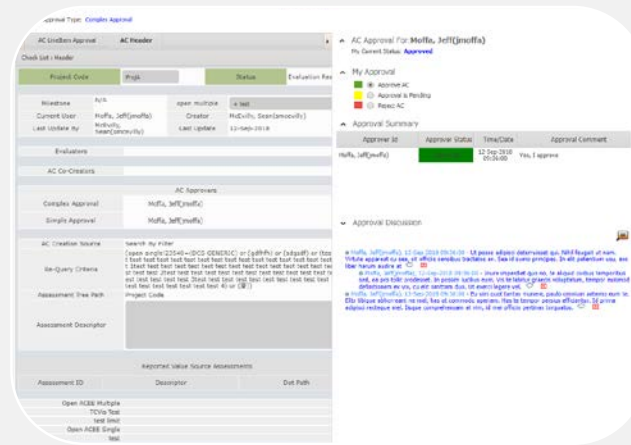
8. Parameter history visualization

- Scatter plot of Key Parameter history

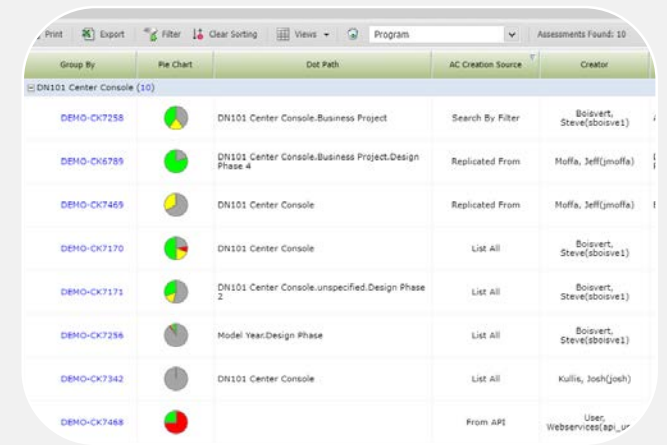
The screenshot displays the 'Power Systems Assessment Control' software interface. On the left, a 'Pass-Fail Filter' scatter plot shows a distribution of data points. The x-axis represents the number of items (0 to 24), and the y-axis represents the number of items in each category (0 to 15). The legend indicates: NE (Grey), Red (Red), Yellow (Yellow), and Green (Green). The plot shows 1 Red item, 8 Yellow items, and 15 Green items.

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				Driver Leg Room requirements for accelerator pedal.

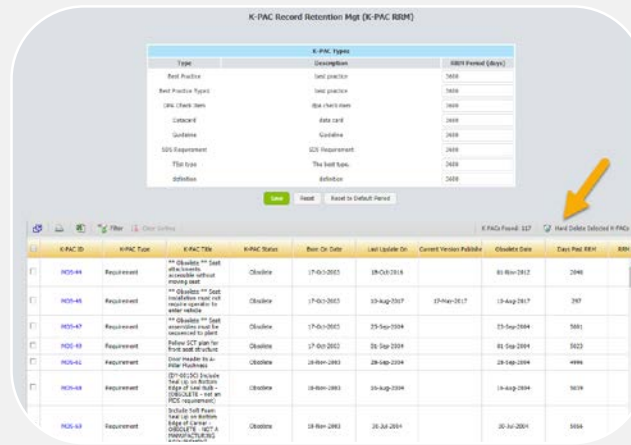
Other Noteworthy Improvements 08 01



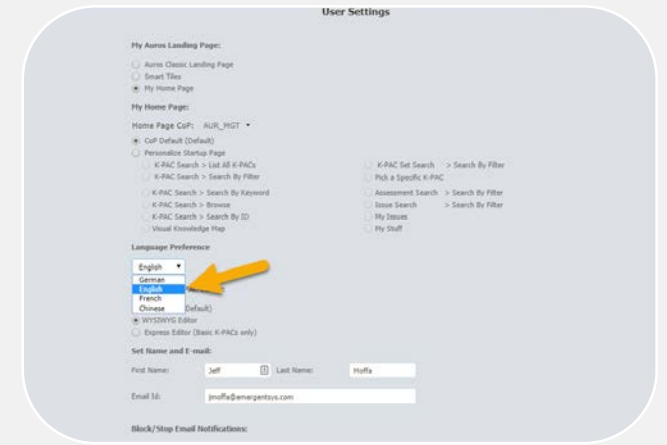
1. Assessment Approvals



2. Assessment pie charts column

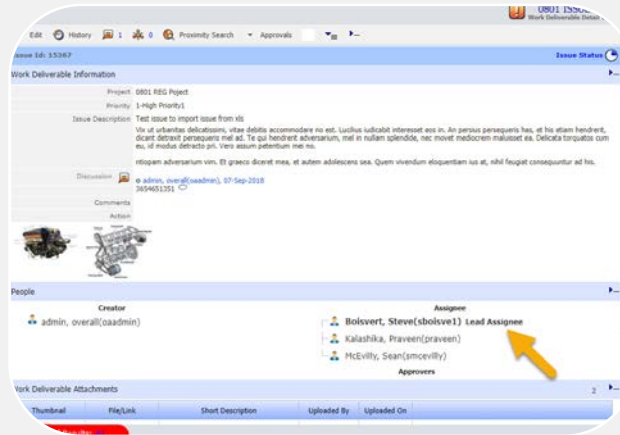


3. Assessment RRM

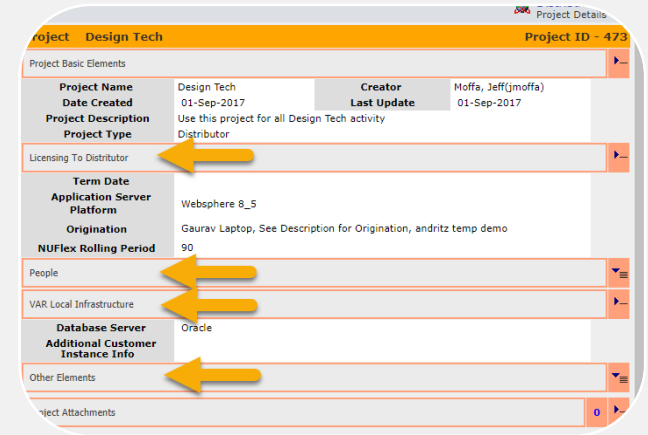


4. User language selection

Other Noteworthy Improvements 08 01



5. Issue 'Lead' responsible



6. Project Detail View 'chapters'

Description	Overall Compliance Score	System Component	Shared Component	Overall Compliance
<p>The following release documentation should be sent:</p> <ol style="list-style-type: none"> Deployment Release Note Official Release Notes will be created at the conclusion of the release cycle and can be accessed by following the Official Release Notes link attached to this step. Preliminary RFP can be created using the Preliminary Release Notes Template. The template can be accessed by following the Preliminary Release Notes Template link attached to this step. Autos XML Properties Reference (attached link) To update the customer specific RFP. Customer and create a RFP for the release candidate. Filter the Autos Version Distribution column by the applicable release Save the file with a release specific name. <p>Middleware Upgrade Instructions (if applicable)</p> <p>Upload Help Colls</p> <ol style="list-style-type: none"> Provide the customer with the latest zip files of all help Colls. Attached in the SharePoint link to the zip file upload. It is important to replace these zip files from the shared location, as the help content in AUTOS may have undergone changes. Provide the customer with a document to upload located on #27412_PU-101 for new customers. This file may be provided after instructions as they will not see them that help Colls. The #27412_VP-11 has images within the Value Table that will not be restored. These images with their relevant location in the Value Table are located and identified in the table under on the attached SharePoint link. <p>Note that all other K-PAC Type images should transfer through the import. If they do not, the Store folder on the attached SharePoint link has all of the necessary copies.</p> <p>The 'QA_TEST' Coll is used to record the results of standard QA regression testing. To complete this step in the customer deployment process:</p> <ol style="list-style-type: none"> By right clicking on this step, raise an AUTOS issue of Type '23 Work Deliverable' to initiate the Automated QA testing process and assign to the project's QA Team Lead (see 38016 for QA Team Lead contact info). After receiving the results, determine if any failures are present. <ul style="list-style-type: none"> NOTE: As part of the general QA process, the QA Team will assign QA Defects for the failed tests. <p>There are three options to make Autos available to a Pilot:</p> <ol style="list-style-type: none"> Emergent provides an 'Appliance' solution where Emergent provide a single physical machine containing all required software ready for the Pilot process. Emergent delivers to 'on-premise' servers already existing at the Customer. Emergent Host on Internet (Amazon). <p>1) Appliance Solution</p> <p>With the appliance solution, Emergent configures a base system on a single physical server. The server will have the following software installed: an application server (Tomcat), a database server (MySQL), and a QA server to handle email notifications. Autos will be deployed and configured on this environment by Emergent prior to delivering the physical machine to the Customer. The Customer will then need to simply connect the Appliance solution to their network, provide the internet, if Appliance solution is chosen, it is very important for Emergent to be able to connect to the machine via vnc to perform updates (especially if the customer is not in Service Desk).</p>	88	100	100	62
	80	100	100	23
	77	100	100	25

7. K-PAC Vitality detail columns



Beyond 08 02

AI and Knowledge
Aware