



PowerBuilder Product Management

Julie Jiang, Appeon

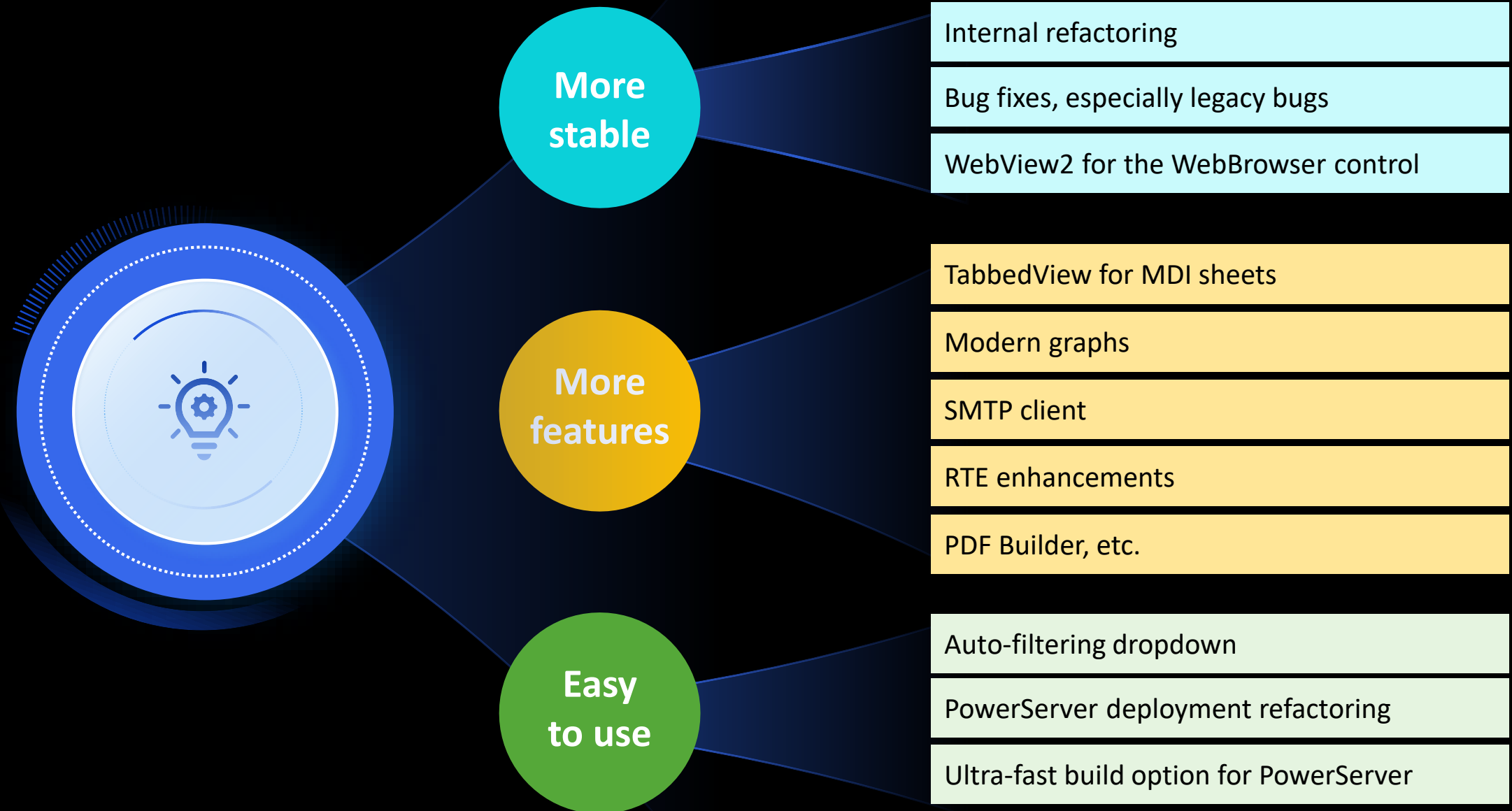


DISCLAIMER

The following information is being shared in order to outline some of our current product plans. We are hopeful that the following can shed some light on our roadmap, but it is important to understand that it is being shared for INFORMATIONAL PURPOSES ONLY, and not as a binding commitment. Please do not rely on this information in making purchasing decisions because ultimately, the development, release, and timing of any products, features or functionality remains at the sole discretion of Appeon, and is SUBJECT TO CHANGE.



Highlights of This Year



2022 R3 LTS Coming Soon



2022 R3 LTS Coming Soon



More security upgrades

TextControl ActiveX upgrade
No longer dependency on .NET
Framework 4.0
Internal refactoring



More issues resolved

UI-theme resizing issue
Continuous clean-up of legacy
bugs
2022 R2 bugs



Diverse requests addressed

Updating Migration Assistant
PowerServer & PowerClient –
Loading images from URL

Further Enhancements to Guarantee Stability

Deployments

- PowerClient
- PowerServer
- PBAutoBuild

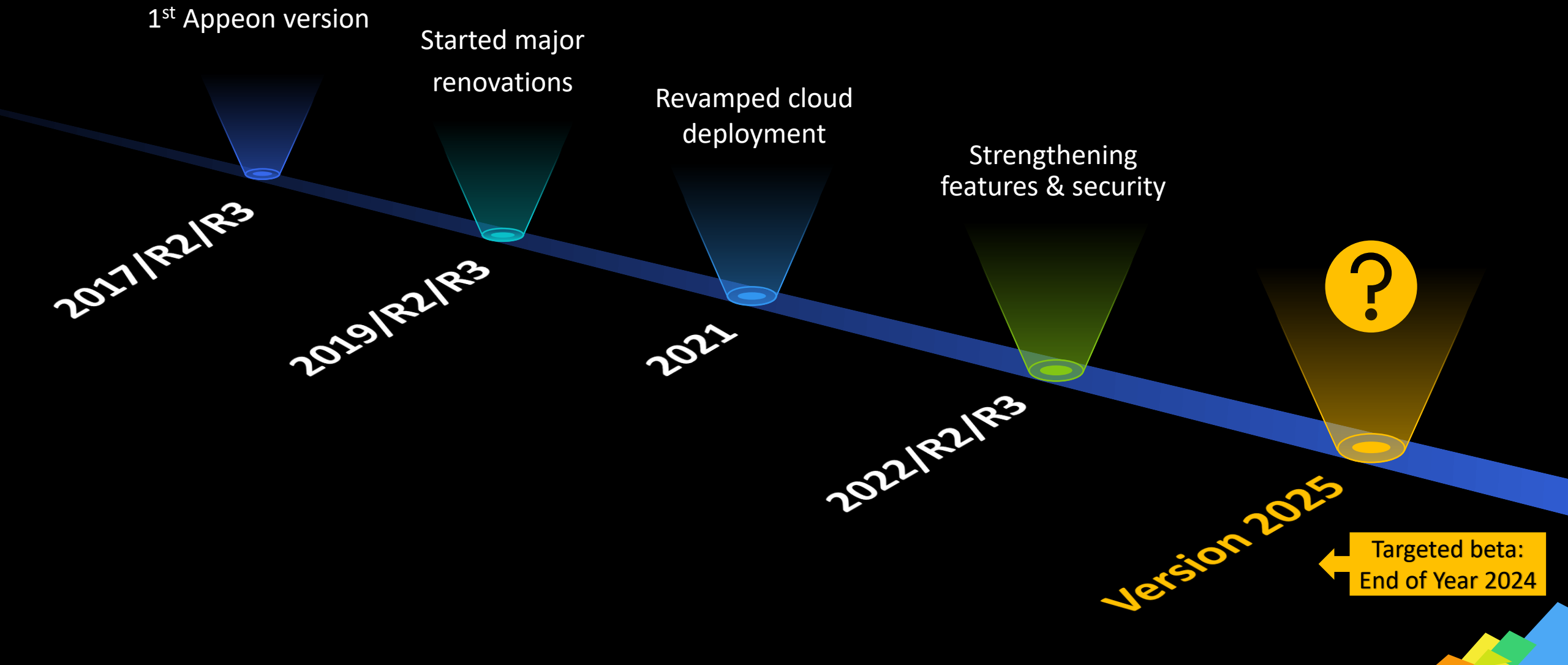
Modern UI

- UI theme
- Tabbed sheets
- Graphs

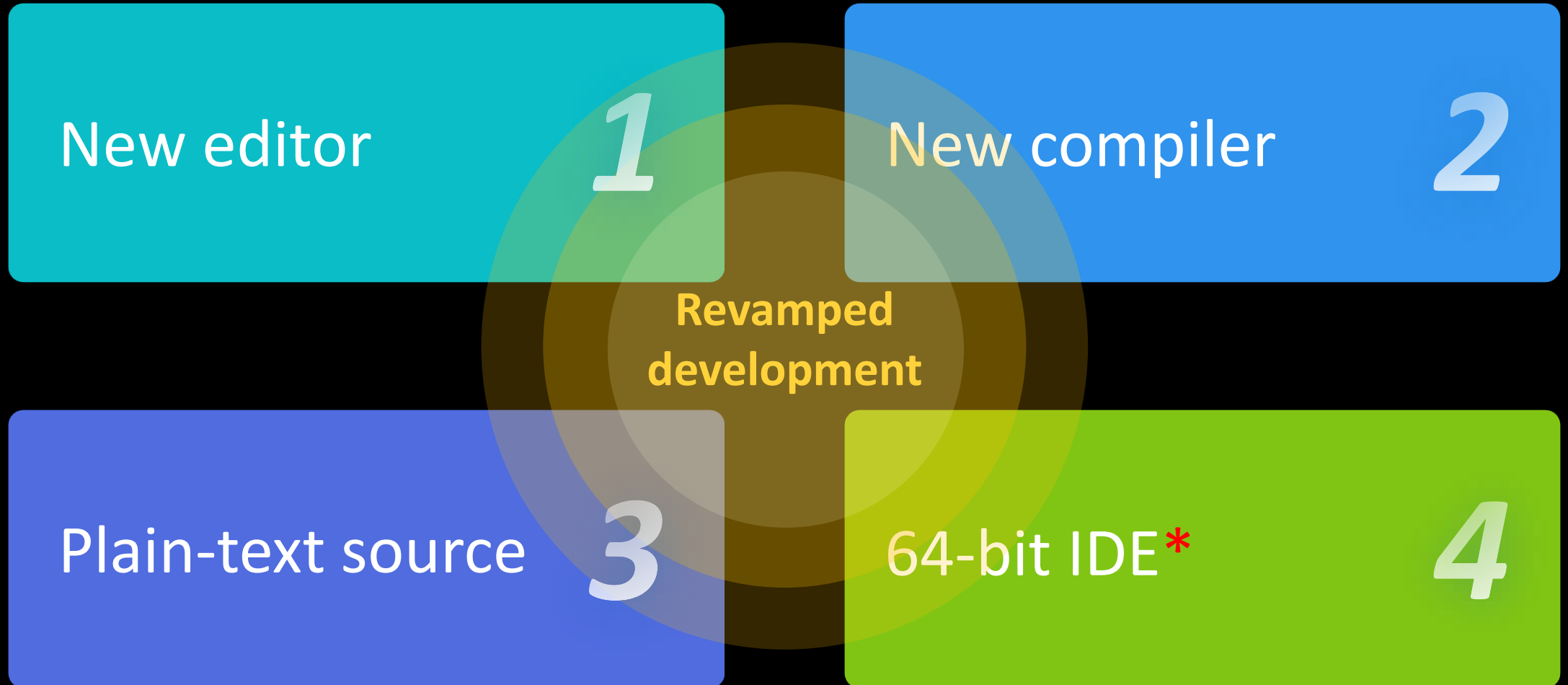
Core features

- Enhanced the overall
functionality and usability

Next Major Version – Version 2025



Next Major Version – Version 2025



* Planned for 2025 revisions

Next Major Version – Version 2025

New editor

- A seamless transition from the old
- Better code readability
- Better code navigation
- Higher coding efficiency
- Coding assistance capability

1

Revamped Development

Next Major Version – Version 2025

New compiler

- Parallel compilation process to prevent interference with the IDE process
- Facilitates AST in code analysis
- More accurate identification of modified code/objects
- Time saving (full and incremental build)

2

Revamped Development

Next Major Version – Version 2025

New compiler Performance

Full Build	Legacy Compiler		New Compiler	
Code Example App <ul style="list-style-type: none">• 388 PB objects• 194 DataWindow objects	37s		10s	
Customer App 1 <ul style="list-style-type: none">• 3,154 PB objects• 5,348 DataWindow objects	18m 56s		2m 50s	
Customer App 2 <ul style="list-style-type: none">• 7,495 PowerScript objects• 10,853 DataWindow objects	1hr 31m 21s		9m 33s	
Incremental Build				
Code Example App	36s		6s	
Customer App 1	18m		23s	
Customer App 2	3m		5s	

Next Major Version – Version 2025

Plain-text source code

- Separate source code from Pcode
- Avoid work loss caused by PBL corruption
- Facilitate standard source control practice
- Open to other external tools

3

Revamped Development

Next Major Version – Version 2025

64-bit IDE*

- Already done – Run and debug 64-bit applications
- Direct connection to 64-bit database
- Call to 64-bit DLLs/OCXs in the IDE
- 64-bit IDE .exe, ORCA.exe...

4

Revamped Development

* Planned for 2025 revisions

Next Major Version – Version 2025

IDE

- Opening ancestor/descendent objects
- Enhancing tabbed editor
- DataWindow update properties
- Git: merging branch
- More resizing of the dialogs
- Better search
- Check duplicate objects in a PBT

Runtime/Modernization

- Display menu in RibbonBar style
- Export to excel using display values
- High DPI support
- More controls for modernization

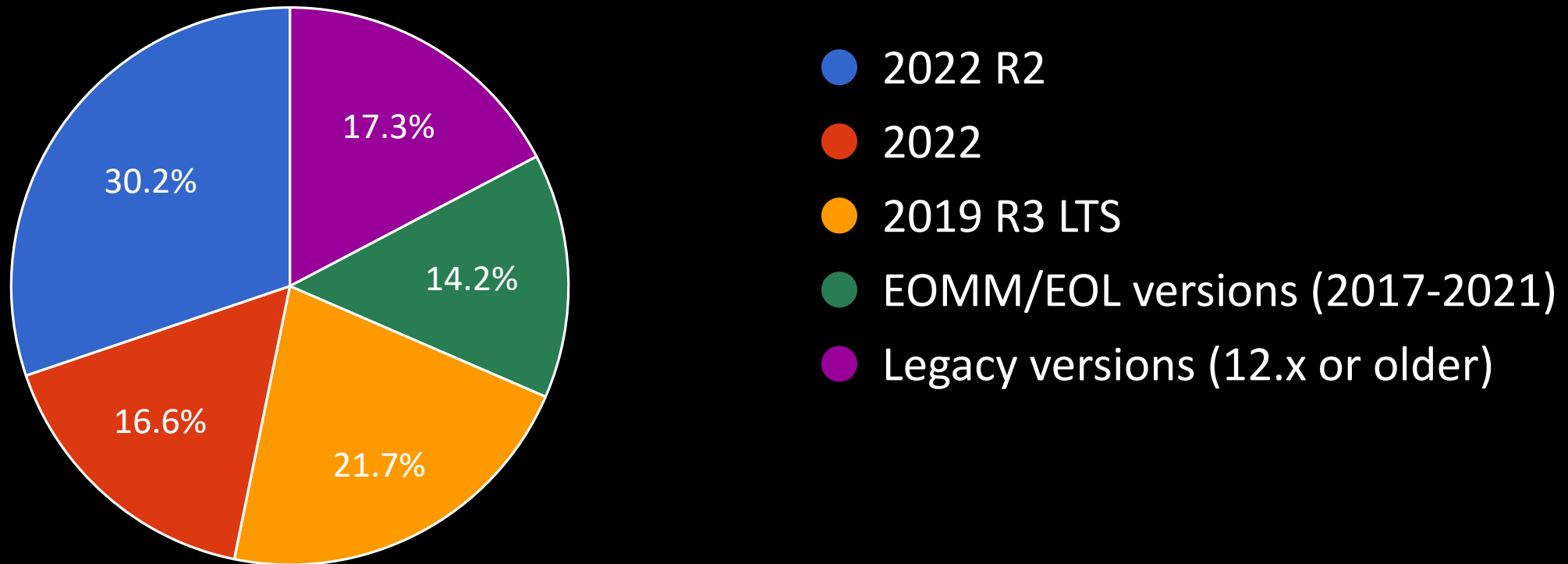
Cloud

- SQLPreview event
- Back-end management console
- Request debugger

Sustainability
Stability
Security

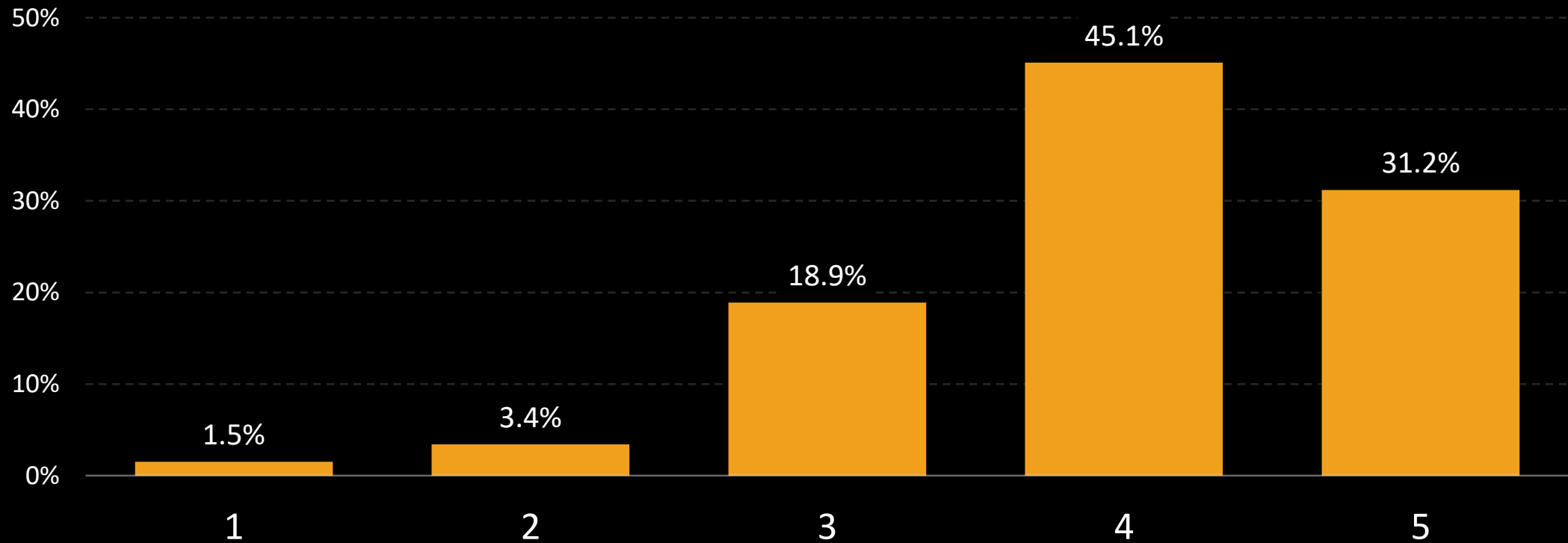
Annual Survey Results

What is the version of PowerBuilder you are currently using?



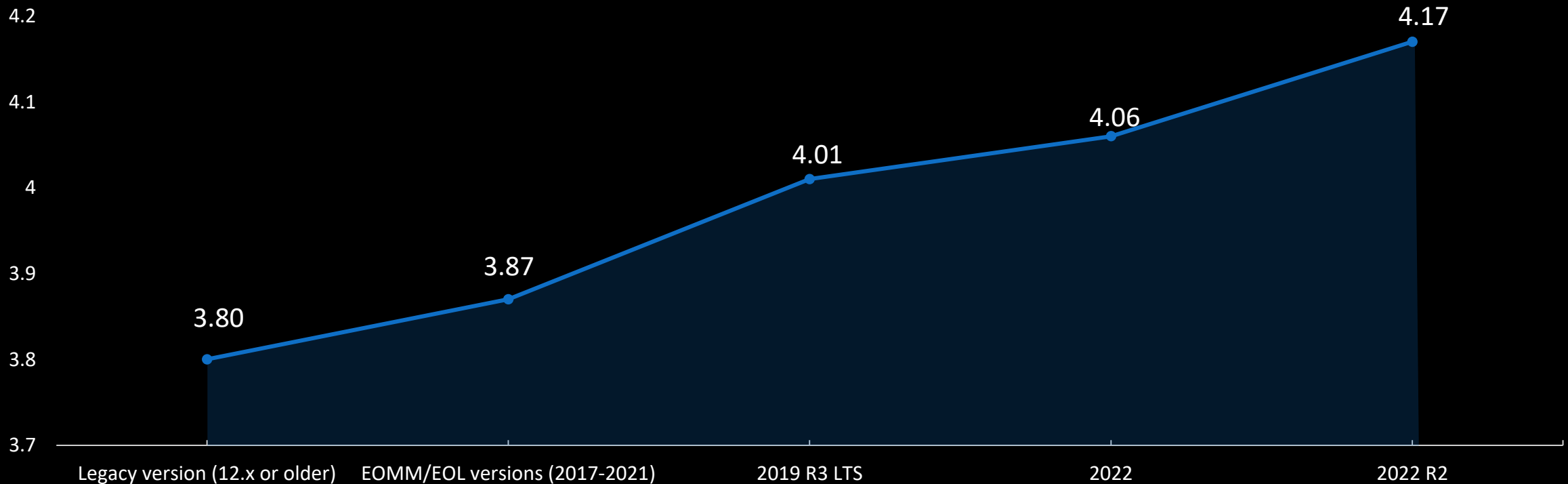
Annual Survey Results

How would you rate your general satisfaction level with the newest version of PowerBuilder you tried? (1)



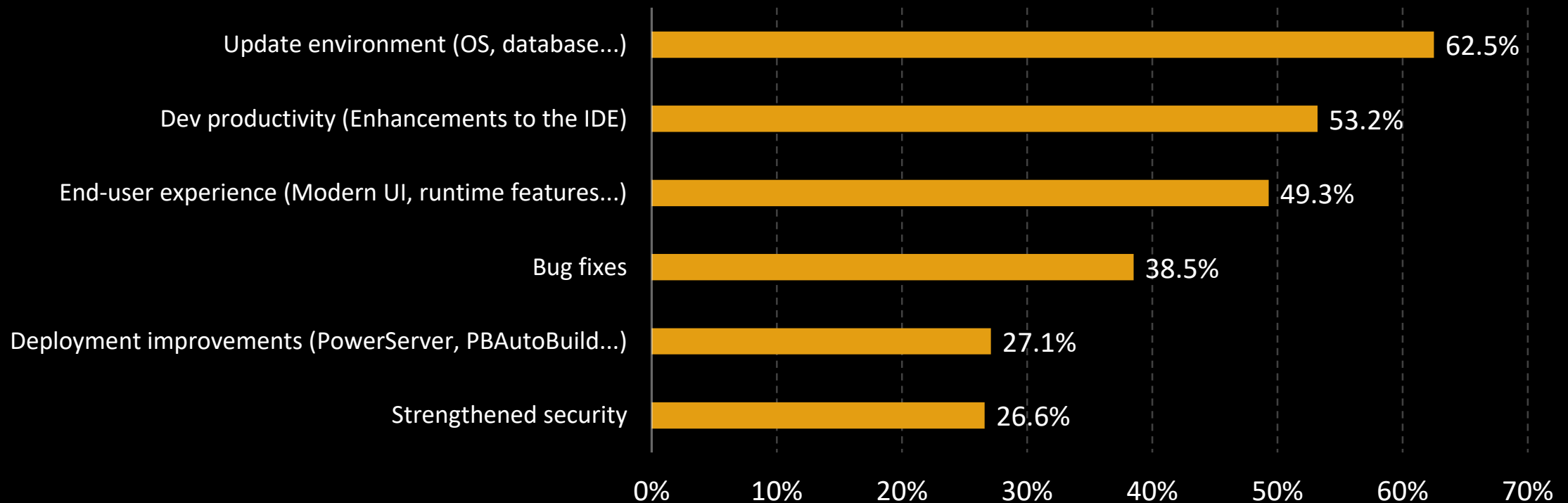
Annual Survey Results

How would you rate your general satisfaction level with the newest version of PowerBuilder you tried? (2)



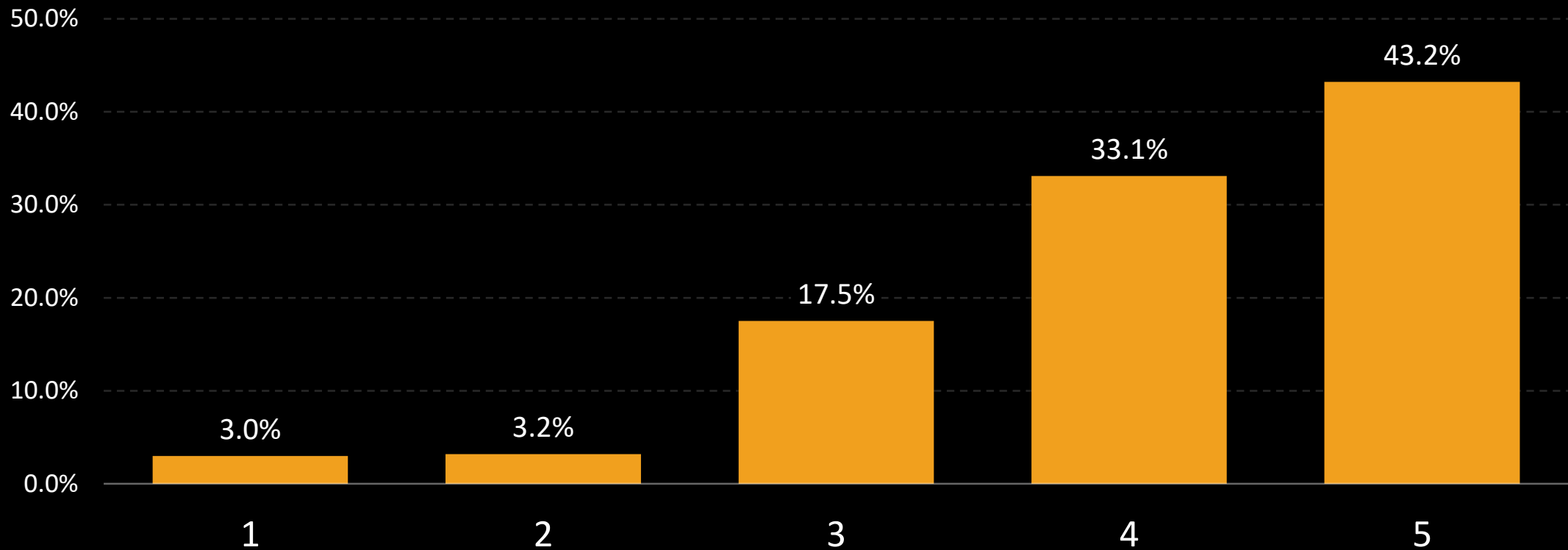
Annual Survey Results

What are the primary reason(s) that drive decision to upgrade your PowerBuilder version?



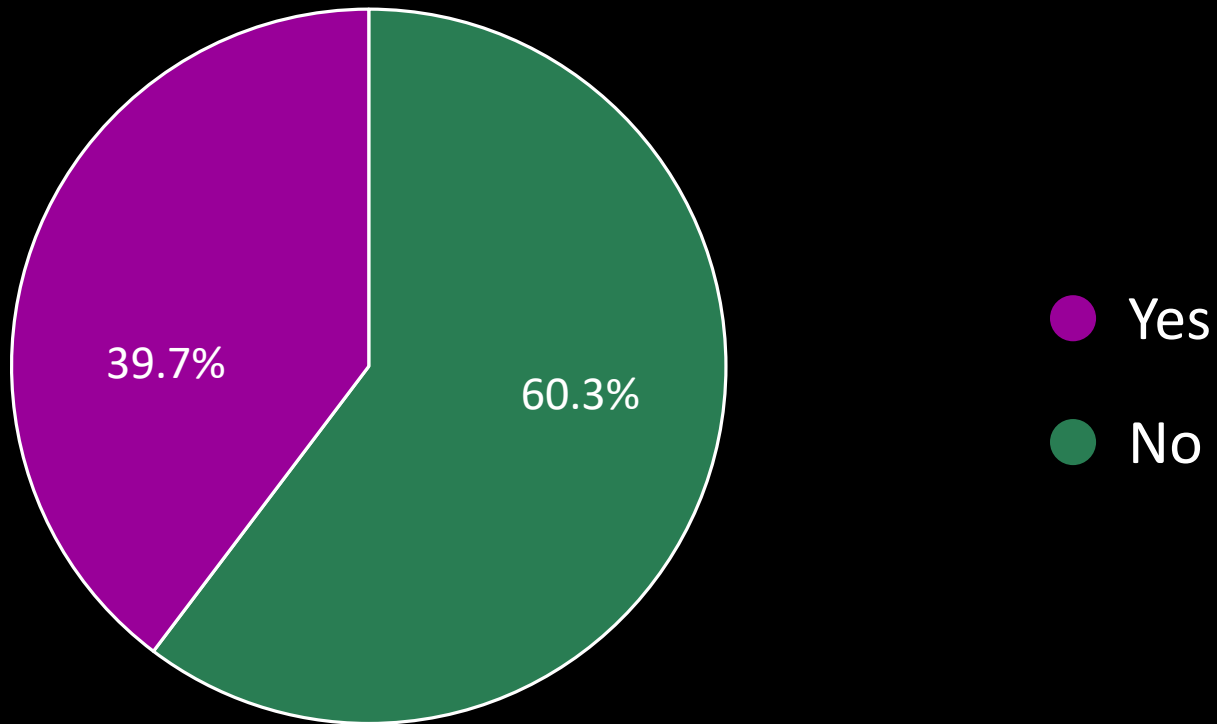
Annual Survey Results

How would you rate your most recent upgrade experience?



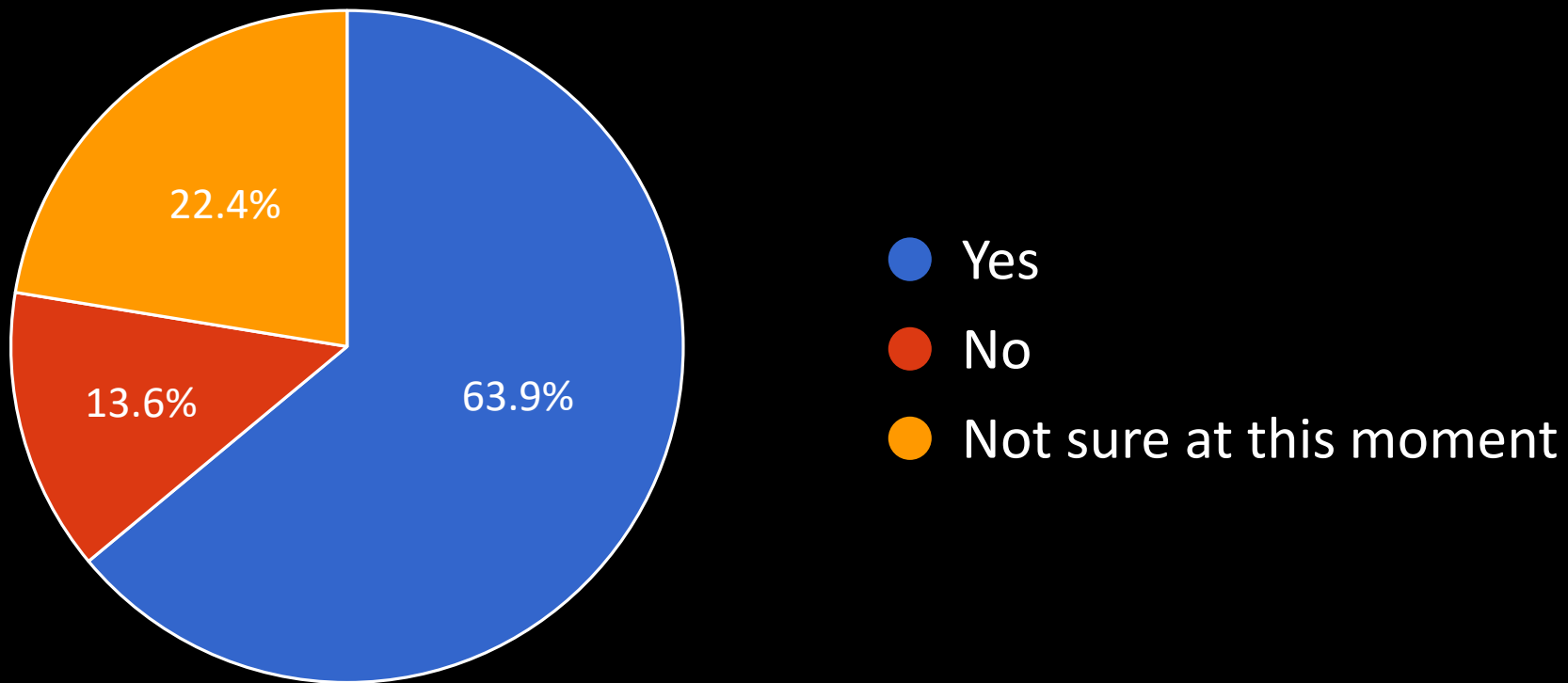
Annual Survey Results

Do you have plan to Internet-deploy any of your PowerBuilder apps?



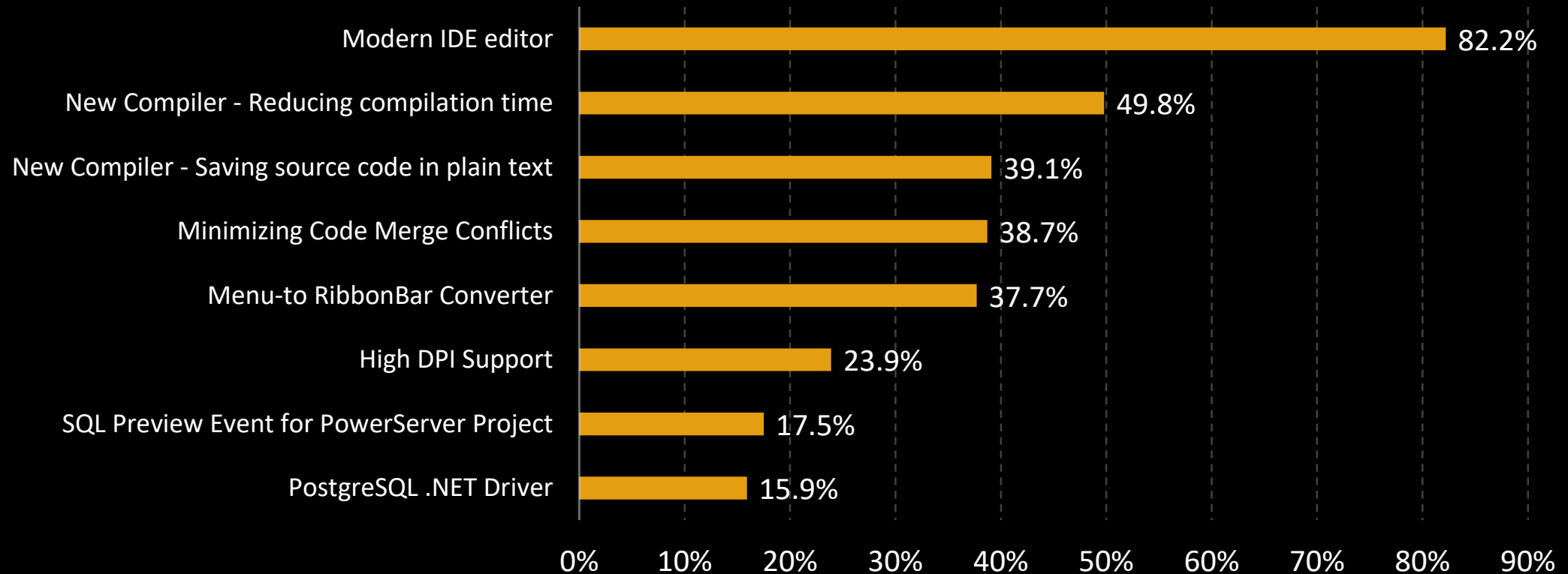
Annual Survey Results

Do you plan to use PowerServer to Internet-deploy any of your apps?



Annual Survey Results

Which feature(s) on the product roadmap for PowerBuilder 2025 interest you the most?



Connect with Us



product@appeon.com



community.appeon.com

Discussions, tech articles and videos, free online training, and more.



facebook.com/AppeonPB

Encourage us with a “like”, see cool pics, and get notified of upcoming events.



twitter.com/AppeonPB

Follow Appeon and community members to get the latest tech news.



linkedin.com

Build up your career profile, and stay in contact with other professionals.



youtube.com/Appeon

Share important Appeon videos with others; no account registration required.

The background is a solid blue color with several white, curved lines and starburst patterns. The lines are thin and elegant, curving across the frame. The starbursts are small, four-pointed white stars with soft halos, positioned at various points along the lines and in the open space.

Thank You