NEXER

POWER PLATFORM

Walkthrough of Best practices, DevOps & Licenses

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POWER PLATFORM

BENEFITS

Low Code

Self Service

PROBLEM

Traceability & Debug

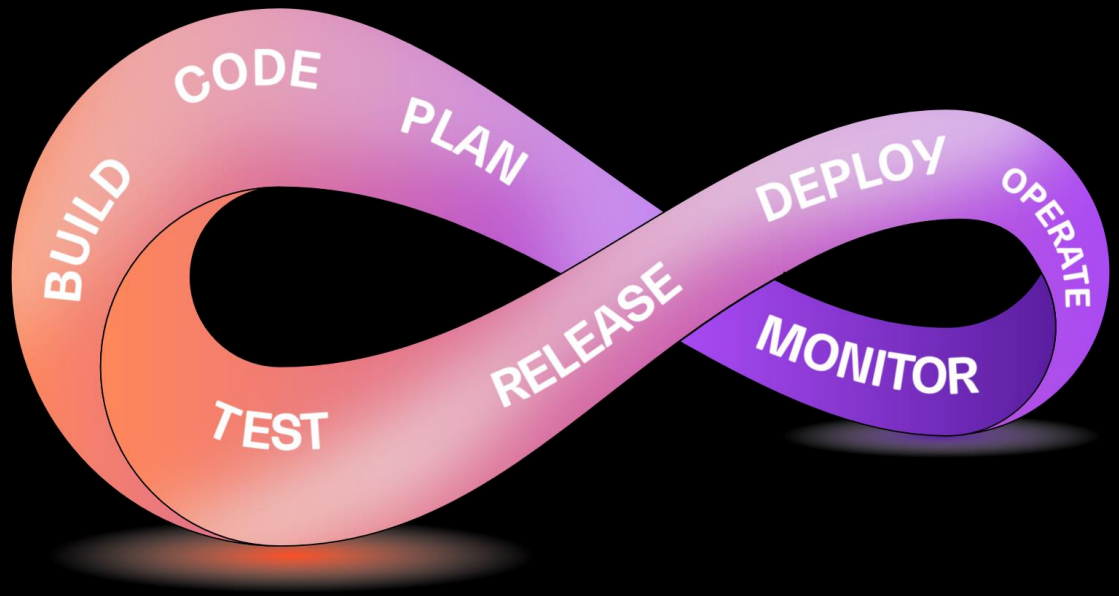
Single developer focus

SOLUTION

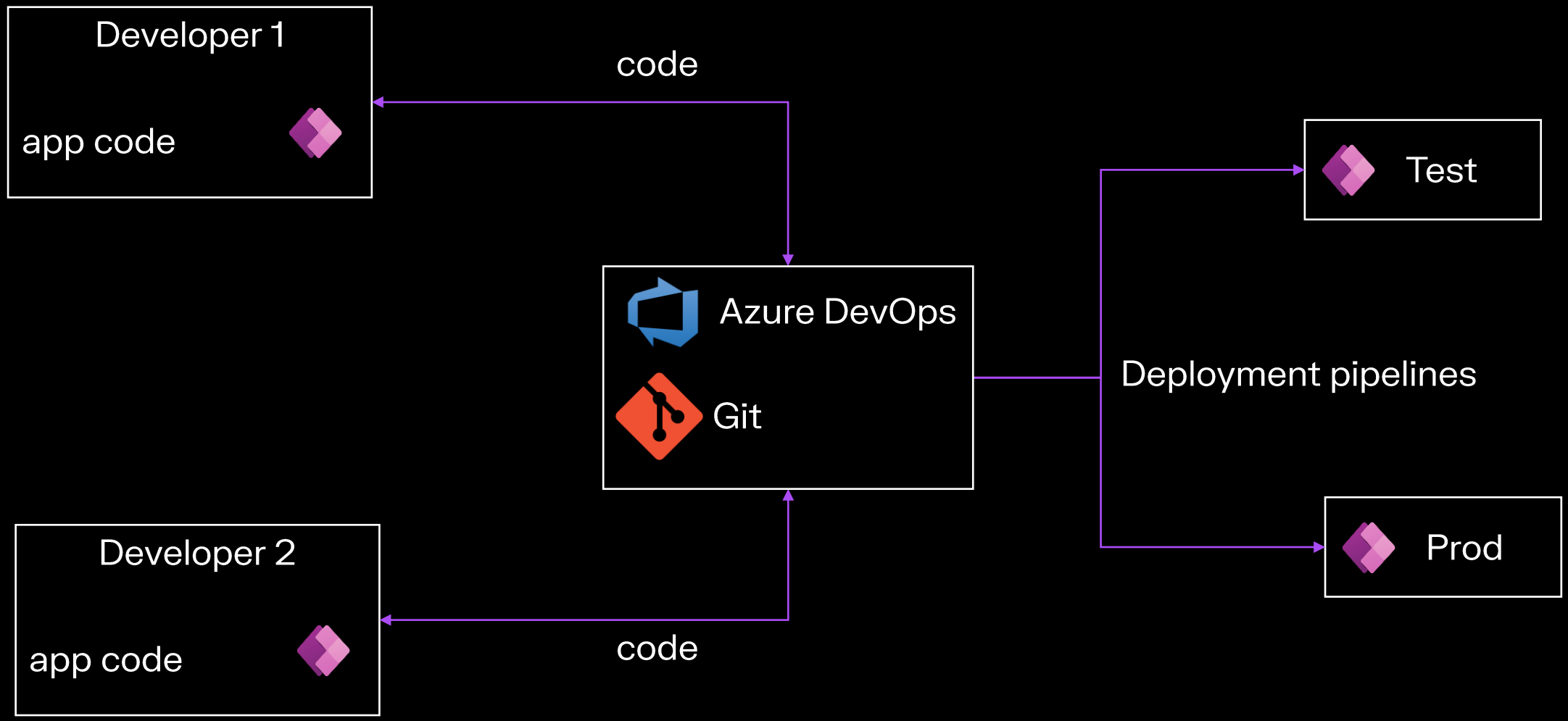
Efficient DevOps

ENVIROMENTS & DEVOPS

- Purpose of DevOps
  - Optimization of flow
  - Feedback loops
  - Experimentation
- Ways of Work
  - Version handling
  - Automated deploy – dev – test – prod
- Challenges
  - Power Platform target group – Self Service



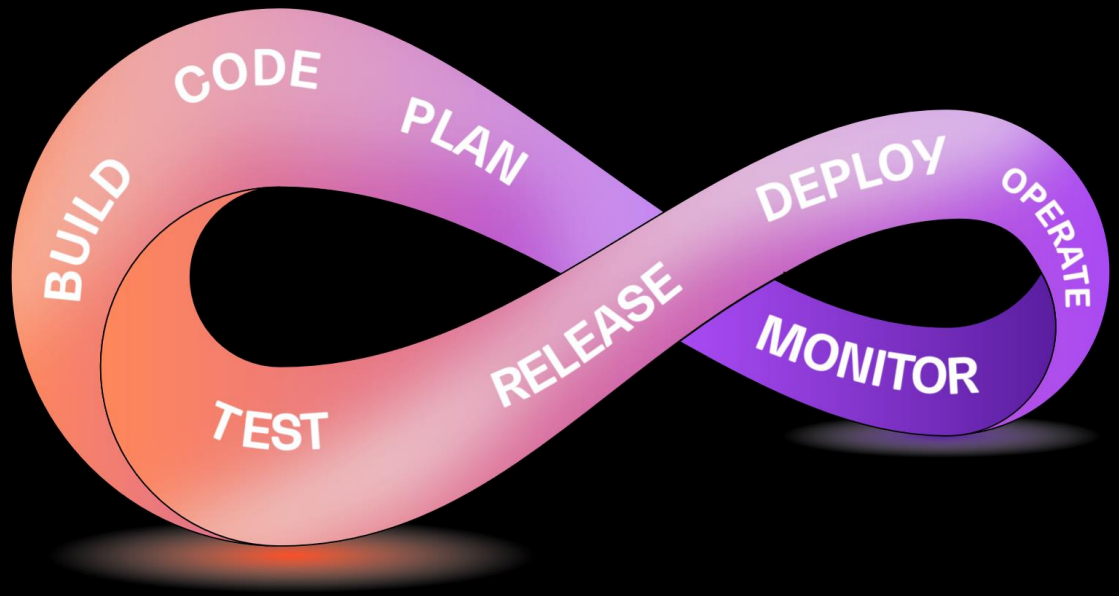
DEVOPS IN POWER APPS



GROWING SUPPORT FOR DEVOPS IN POWER PLATFORM

BENEFITS

- Version handling of code
  - Who did what?
- Non blocking collaboration (most parts)
- Safer deploy
- Faster deploy
- Better developer experience



POWER APPS LICENCES

- Power Apps Premium License (20 $ / user & month)
  - Unlimited apps, suitable for users that needs access to several apps

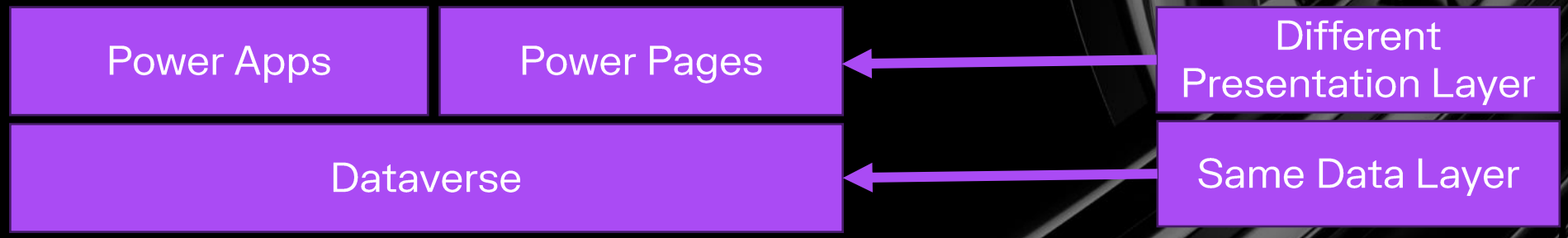
- Power Apps Per App License (5 $ / user & month)
  - Access to one single App, suitable for users only needing access to one or two apps

- Pay as you go (10 $ / user & month)
  - Access to Power Apps without fixed licenses

POWER PAGES

- Web Portals in the Power Apps way
- Can be authenticated and non authenticated
- Suitable for external users
- Different authentication options (Azure B2C, Google, Linkedin...)

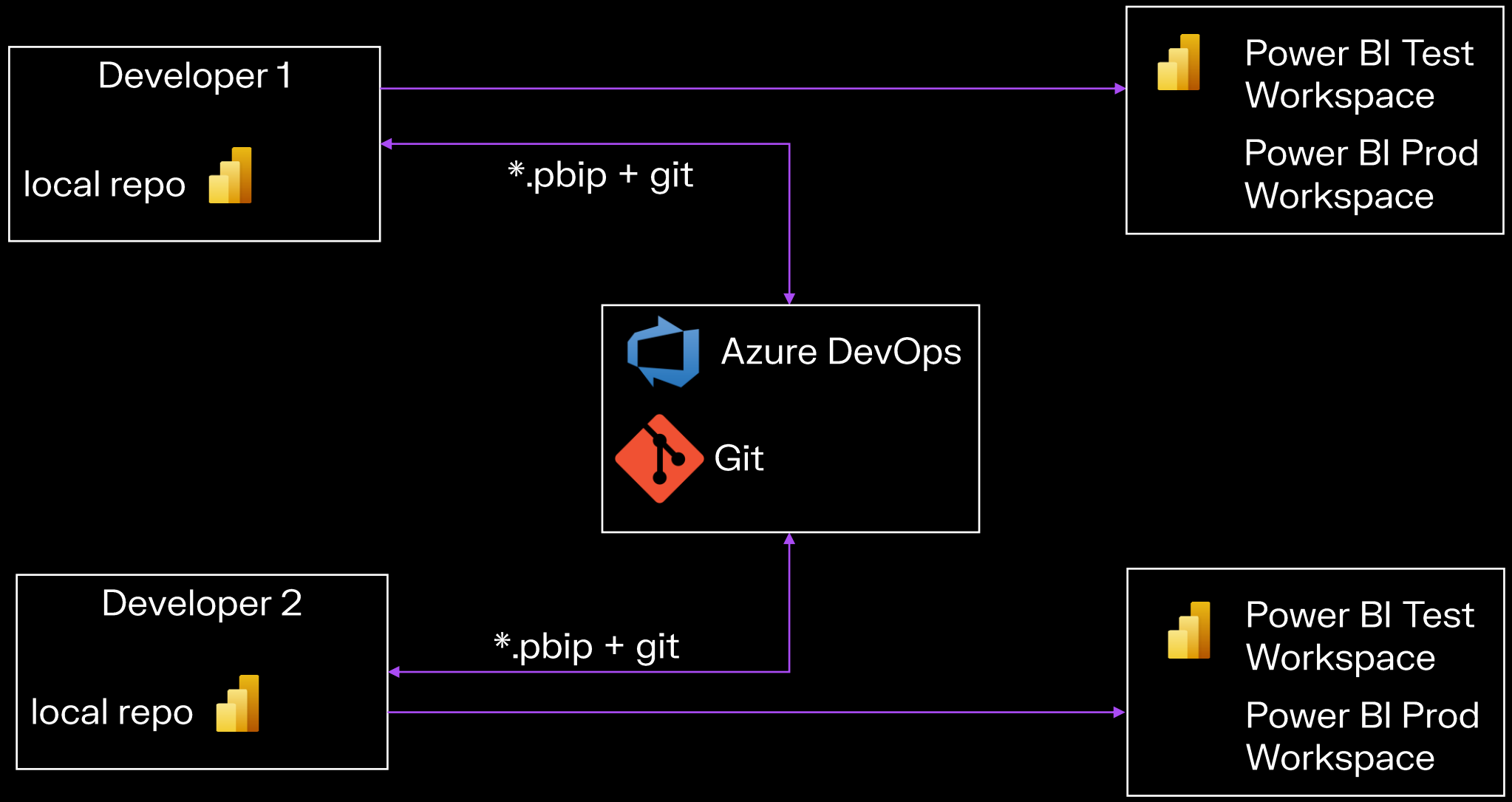
Authenticated Users	Non Authenticated Users
$ 200 per 100 users	$ 75 per 500 users



POWER BI LICENSING

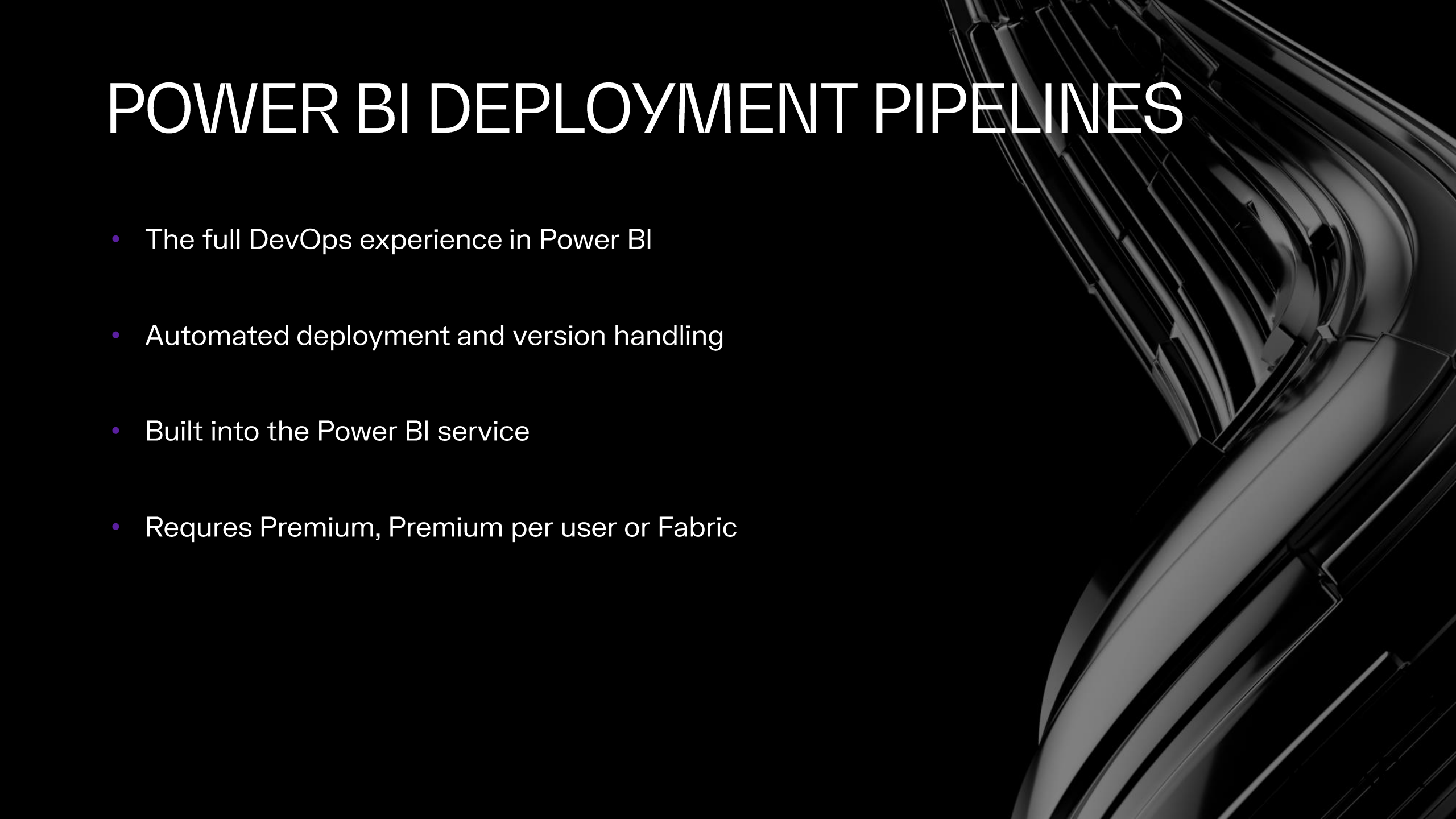
- Power BI Pro - $ 10 per user & month
- Power BI Premium per user - $ 20 per user & month
- Power BI Embedded - $ 735 / month
- By using D365 or Sharepoint it’s possible to offer Power BI reports to users without them having Power BI Pro licenses. In these cases the O365 or Sharepoint licenses are used. You still need one Power BI Pro license, for the developer, to publish the Power BI report.

DEVOPS IN POWER BI



POWER BI DEPLOYMENT PIPELINES

- The full DevOps experience in Power BI
- Automated deployment and version handling
- Built into the Power BI service
- Requres Premium, Premium per user or Fabric

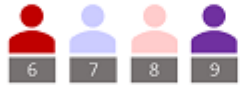


USE CASE

- 10 users using Power App with Power BI Dashboard
- 10 * $ 5 = $ 50 / month Power App Per App License
- 10 * $ 10 = $ 100 / month Power BI Pro License
- Total cost $ 150 per 10 users / month ($ 15 per user & month)
- Pay as you go

POWER APPS - PAY AS YOU GO

- Needs to be investigated and assessed
- No license requirement for Power Apps
- Cost control can be a challenge

Active users	Month #1	Month #2	Month #3
App A			
App B			
App C			
Total active users:	***9** = 9 different users each active in 1 app*	***0** apps had active usage*	***6** = 2 users each active in 3 apps*

	Month #1	Month #2	Month #3
App A	2 active users	0 active users	2 active users
App B	3 active users	0 active users	2 active users
App C	4 active users	0 active users	2 active users
Total cost:	**$90** (9 x $10/active user/app)	**$0** (0 x $10/active user/app)	**$60** (6 x $10/active user/app)

QUESTIONS & DISCUSSION

@nexergroup

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