

# OpenEdge BPM

Low-Impact, High-Return Visibility Into Your OE Apps

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**PUG**  
**CHALLENGE**  
**EXCHANGE**  
**AMERICAS**

# Challenges

Process implementation not documented  
**Processes should be explicit – not buried within an application  
or handled thru “tribal knowledge”**

Difficult to get visibility into business processes  
**Businesses need insight and control over business processes**

Companies business processes change rapidly  
**Difficult to keep up with changes to application requirements**

Every company's processes are unique to that business  
**Processes should be configurable**

# OpenEdge BPM Solutions

Process implementation not documented



Rule Modeling

Difficult to get visibility into business processes



Monitoring Processes

Companies business processes change rapidly



Model-Driven Process

Every company's processes are unique to that business



Automation

# Incremental Adoption Path

## Rule Modeling

- All the tools & dev servers needed for OE BPM Rule Modeling and Process Simulation are included in PDS for OpenEdge!

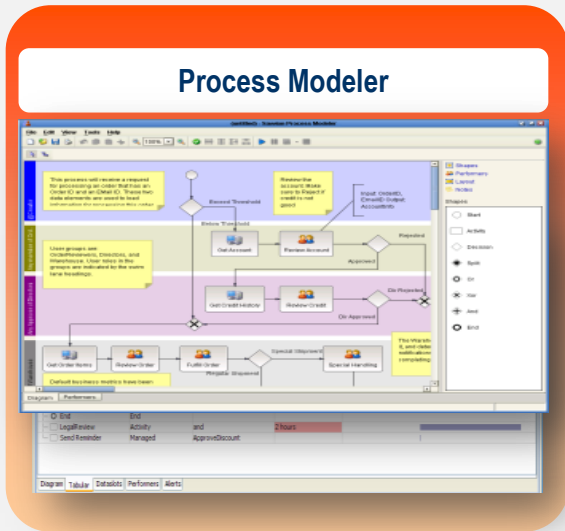
## Monitoring Processes

- OpenEdge BPM ABL API simplifies connecting ABL apps to Monitoring Processes for visibility & pro-active alerting

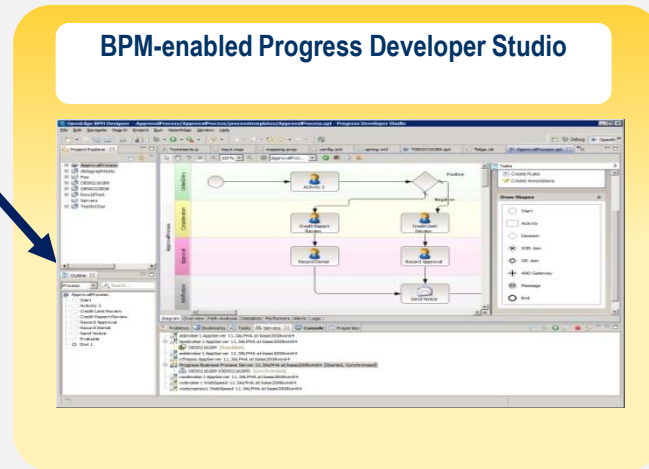
## Model-Driven Process Automation

- Exception processing can be handled by OpenEdge BPM
- ABL workflow logic can be migrated if/when it makes sense

# Key Components of OpenEdge BPM- Modeling

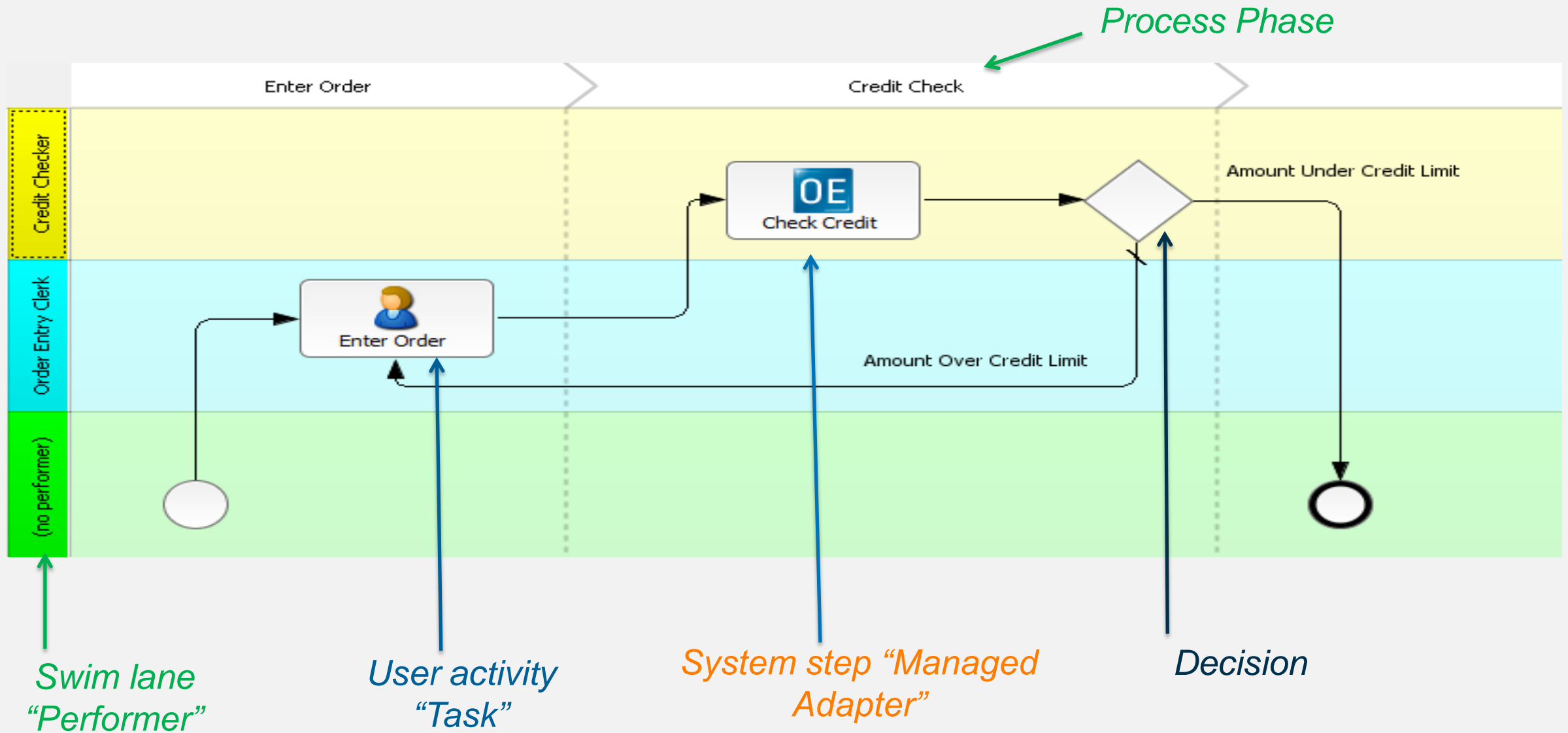


An easy-to-use graphical process model designer is available stand-alone and free, or in Developer Studio



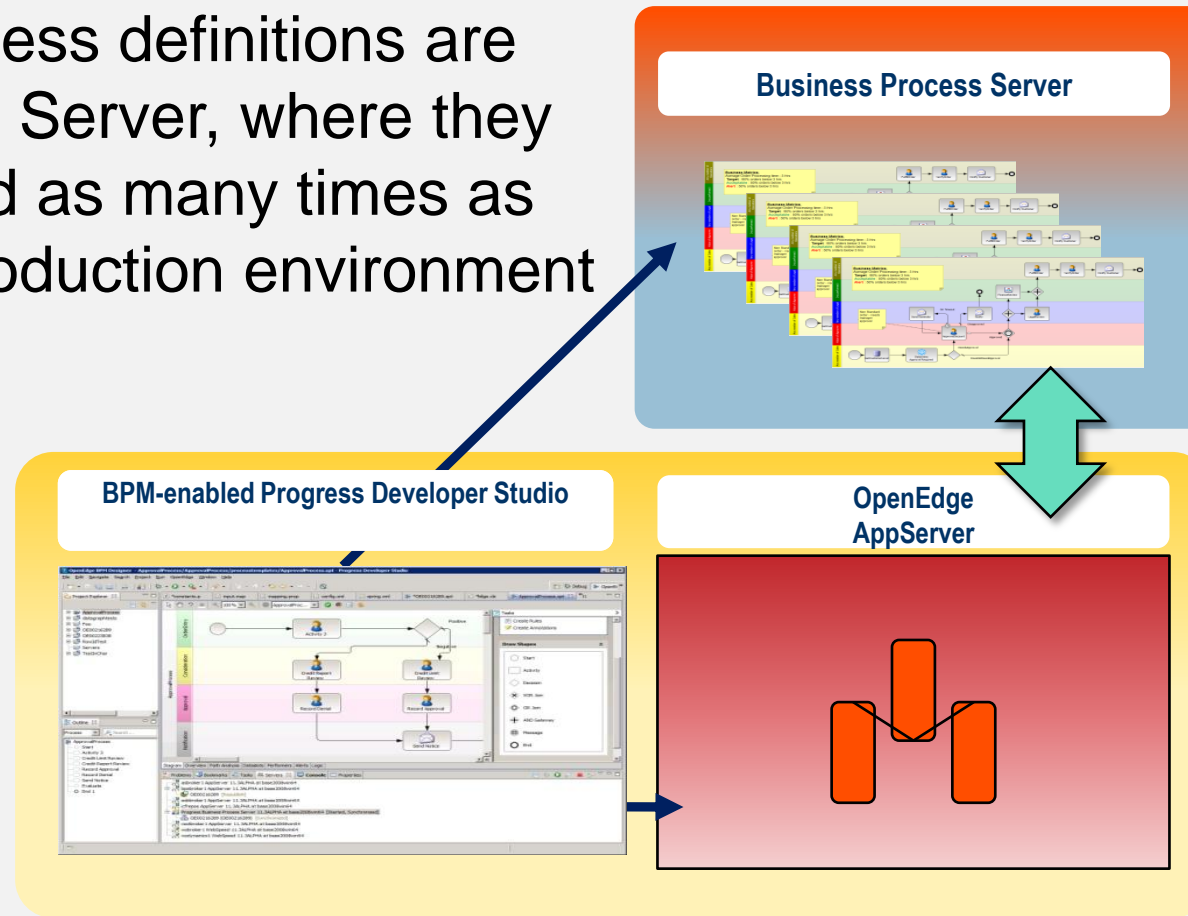
Use Developer Studio to further enrich your process models, for example, calling ABL business logic

# It Starts With Modeling



# Key Components of OpenEdge BPM- Process Automation

Business process definitions are deployed to the Server, where they are instantiated as many times as needed in the production environment

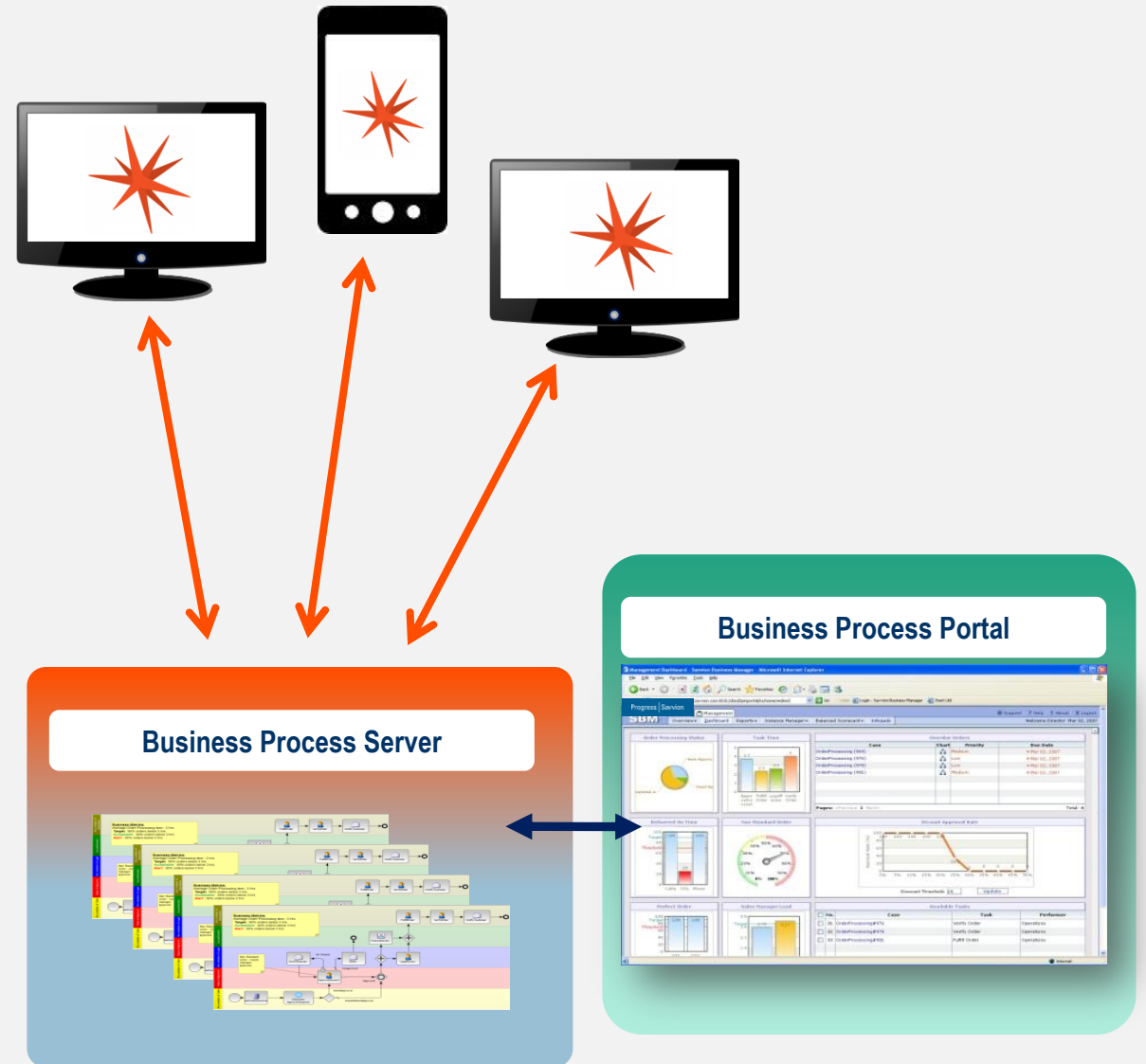


Executing processes typically call ABL business logic on the AppServer

# Key Components of OpenEdge BPM: **Visibility (Monitoring Process)**

One key payoff: immediate visibility into how your business is operating!

And with visibility comes the opportunity to identify areas for improvement!!





# Visibility Into Your OpenEdge Applications: **Monitoring Process**

- Diagram your current process in a model
- Quickly instrument your existing OpenEdge application
  - Mark start & end of process steps
- Monitor as a BPM process
  - Achieve immediate visibility into your running application!

```
IF isSkyDiver THEN
DO:
    ruleStatement = "Warning" + CHR(1) + "Applicants who skydive have a high risk
rating regardless age." .
    riskRating = "High".
    totalPremium = 150.

    ruleStatement = ruleStatement + CHR(3) + "Info" + CHR(1) + "Applicants who
are " + riskRating + " risk pay a premium of " + parmCurrency +
STRING(totalPremium) + ".".

    RETURN.
END.
ELSE
DO:
    IF applicantAge < parmAge THEN
    DO:
        ruleStatement = "Info" + CHR(1) + "Applicants less than " +
STRING(parmAge) + " years of age have a low risk rating." .
        riskRating = "Low" .
        totalPremium = 50.

        ruleStatement = ruleStatement + CHR(3) + "Info" + CHR(1) + "Applicants who
are " + riskRating + " risk pay a premium of " + parmCurrency +
STRING(totalPremium) + ".".

        RETURN.
    END.
    ELSE
    DO:
        ruleStatement = "Info" + CHR(1) + "Applicants who are " + STRING(parmAge)
+ " year or older and don't skydive are medium risk." .
        riskRating = "Medium" .
        totalPremium = 100.
```





## SUMMARY: OE BPM supports many incremental adoption paths

- Start with Process modeling (single unambiguous version of the truth)
- Add IT & Business Visibility (with lightweight instrumentation code)
- Configure alerts on workstep delay (early warning system)
- Start automating exception cases (with no coding)
- Gradually migrate ABL workflow into BPM process **IF/WHERE/WHEN IT MAKES SENSE**
- Utilize Corticon to improve process agility & efficiency

**No rip and replace**

**Not highly intrusive**

**Incremental adoption path**

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