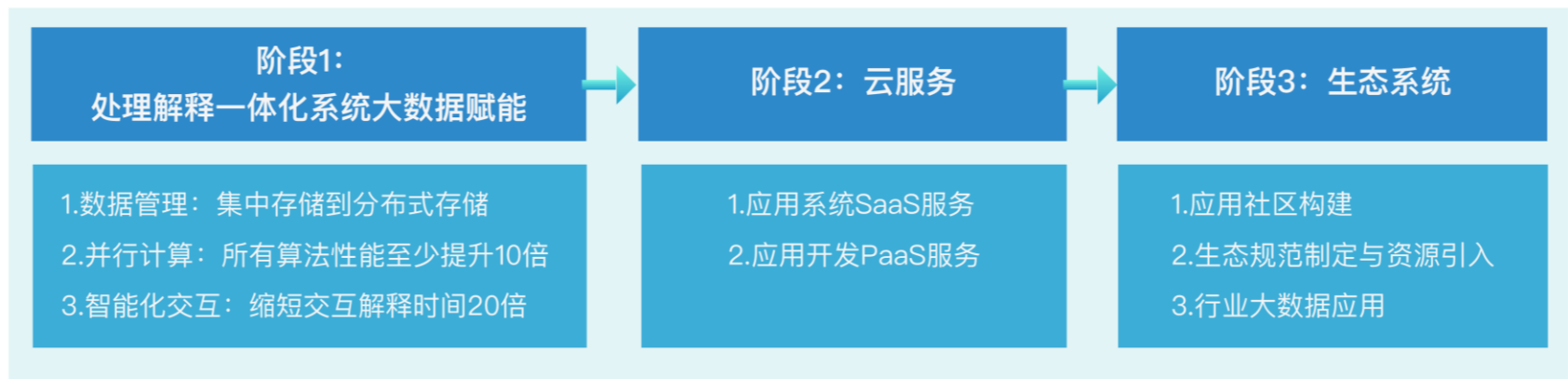


基于人为激发的海量地震波数据，进行上千种算法运算，最终解释地下构造，预测油藏。单处理解释生产项目PB级数据，百种运算。

能源产业，地球物理勘探开发领域



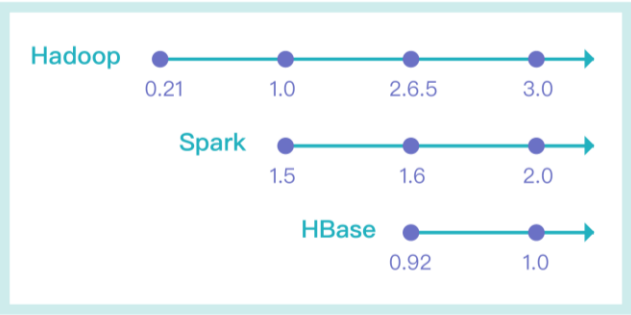
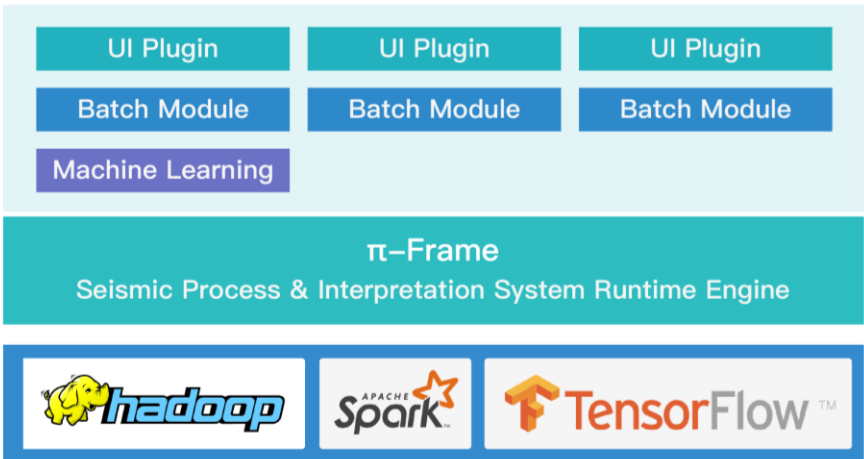
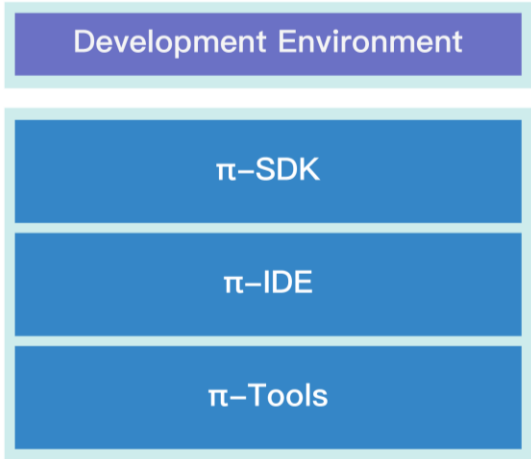
大数据时代下的地球物理生态系统



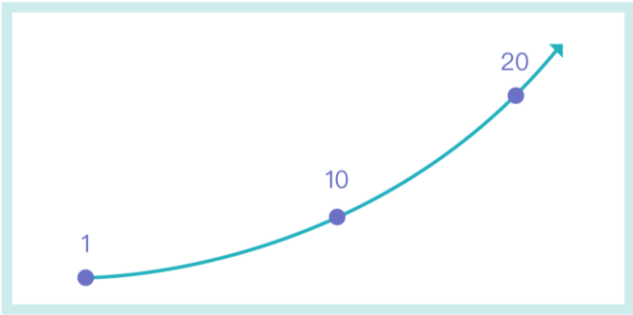
项目概况

参研单位7家/100+总研发人员/2010年至今  
Hadoop+Spark+HBase+Mllib+TensorFlow+MySQL+Storm/600+服务器应用规模

# 智能勘探开发系统 | 方案架构



2009年以来公司使用过的  
Hadoop/Spark/HBase版本



用大数据对核心业务的性能提升  
用AI对人机交互核心业务的时间提升



世界上第一家  
将大数据和AI商用于该领域

π-Frame

⌵

⏪ ⏩ ↻ ① 不安全 | ide.piframe.org:8088/#/

π-Frame

Hi, zzl123 ⌵

## Welcome to π-Cloud

The π-IDE can be [applied online](#). With the π-Cloud, you can develop the application anywhere, anytime.

The public cloud of π-Frame provides computing resources, cloud storage, testing data, IDE and algorithm verification system for geophysical application development for all the developers, intent to help them to do one-stop developing, debugging, verification and transaction.

User

Apply

π-IDE

Cloud Storage

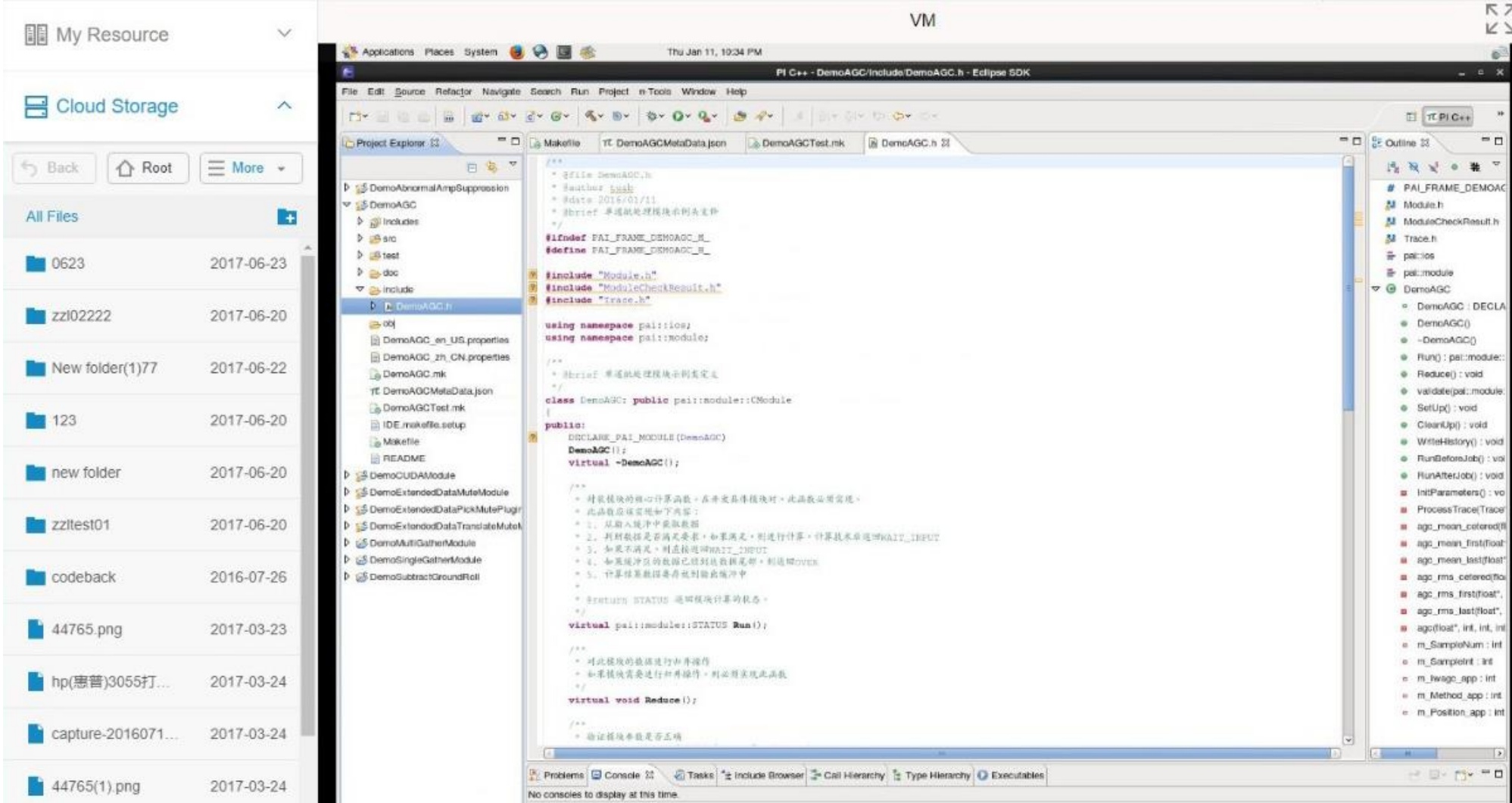
Hadoop Cluster

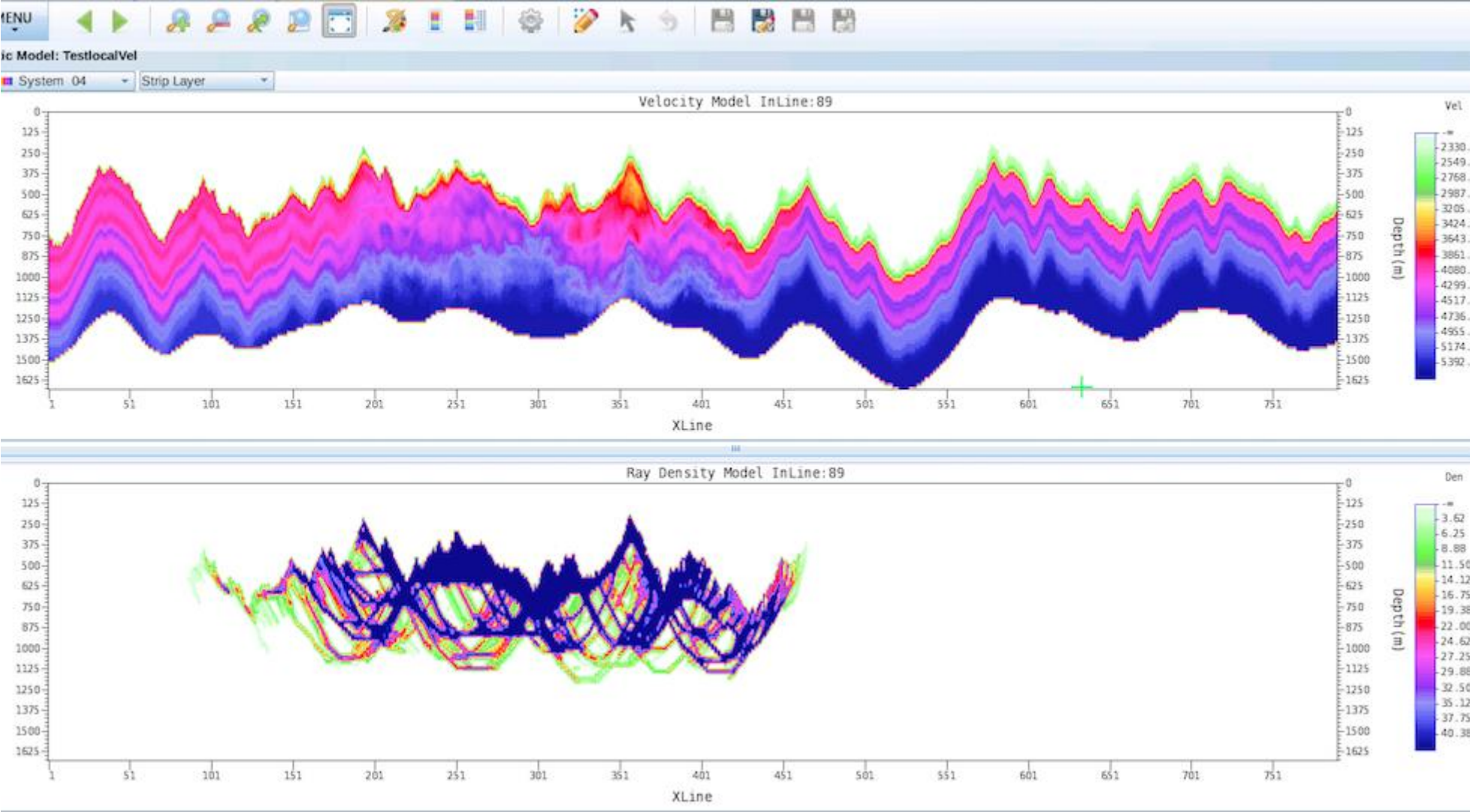
**Notification**

Due to limited free resource, the system will reclaim the computing resources and the cloud storage if you haven't use them for 30 days, in order to let more people have the opportunities to obtain them.

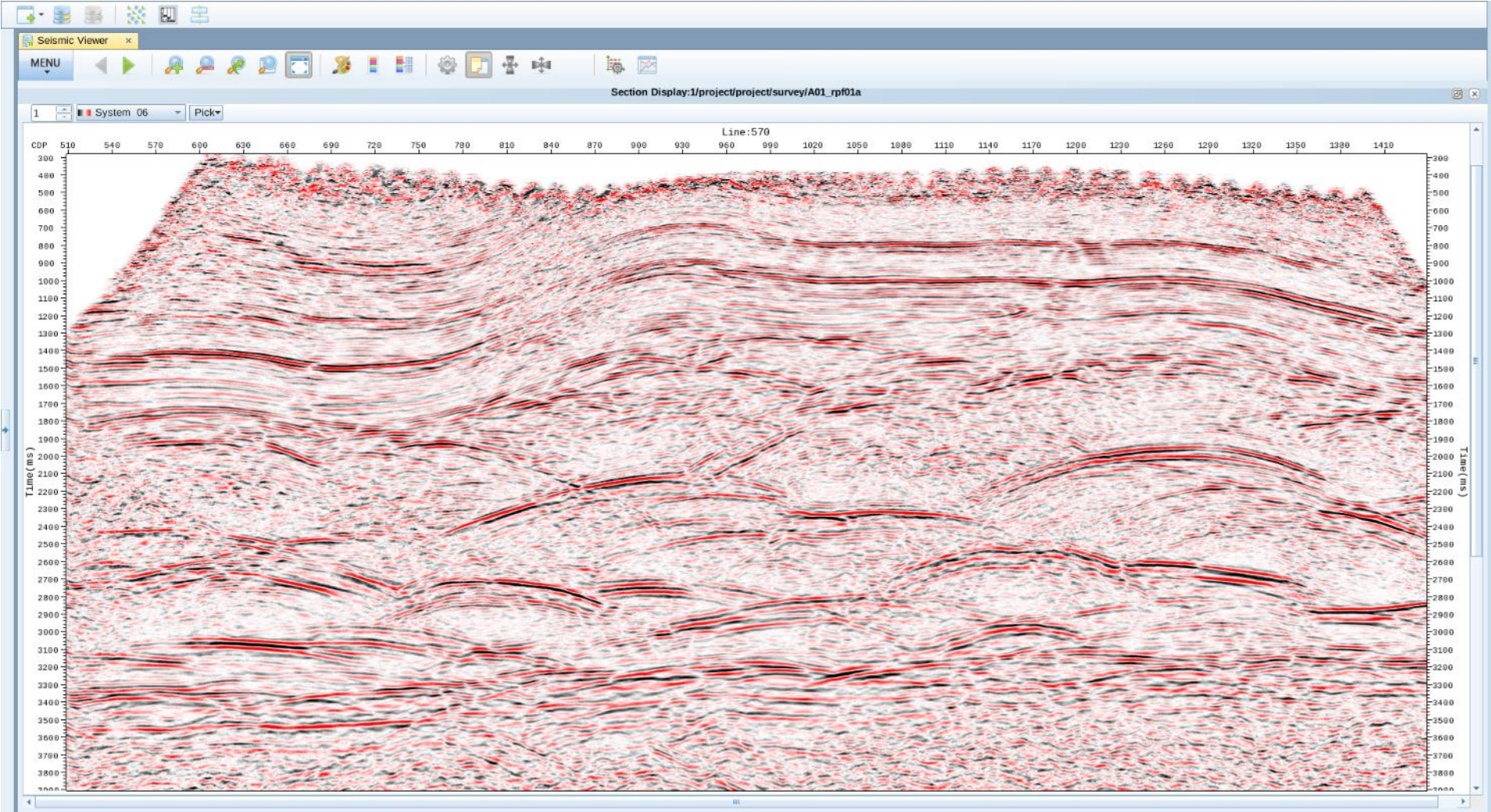
Apply

# 智能勘探开发系统 | 方案展示

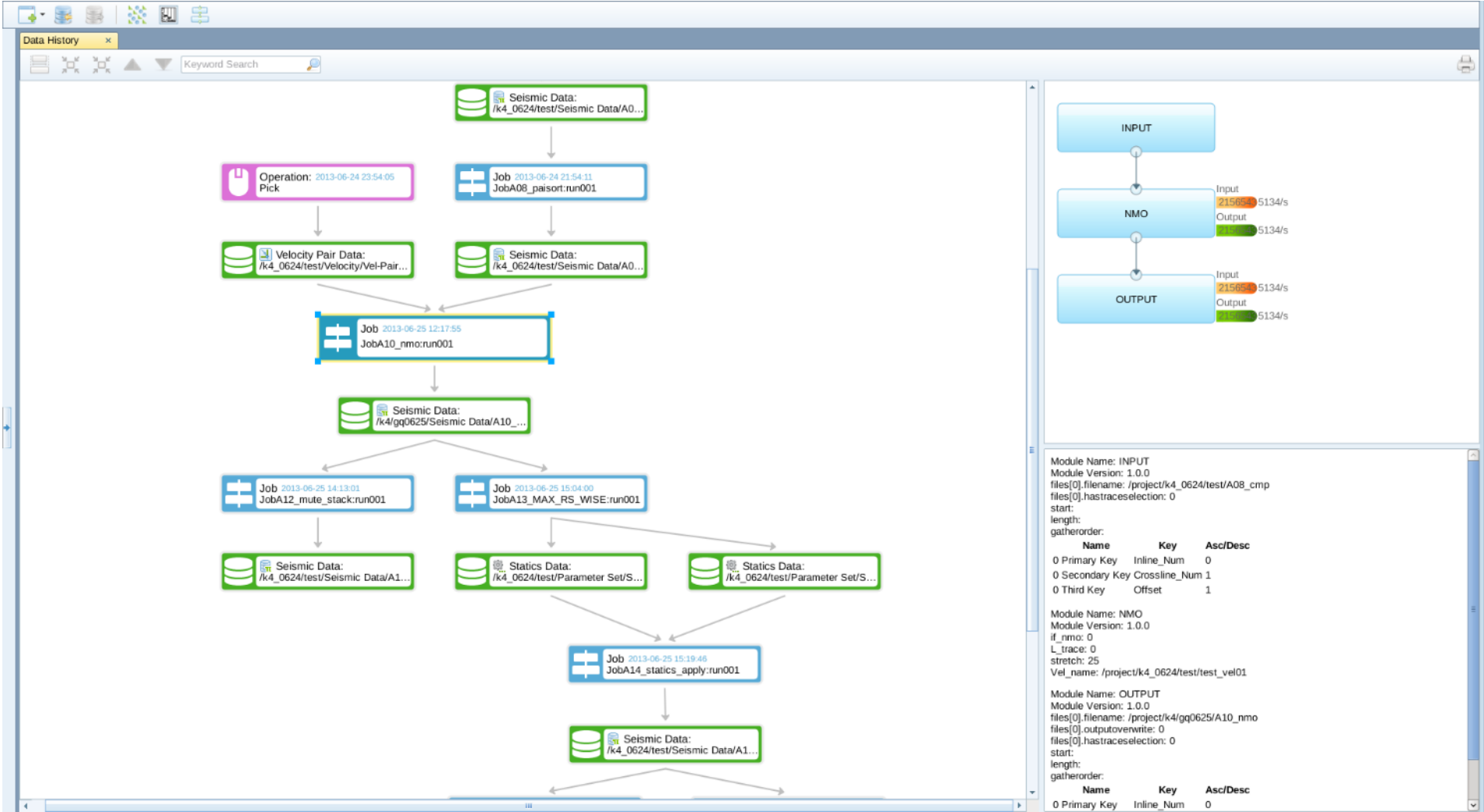




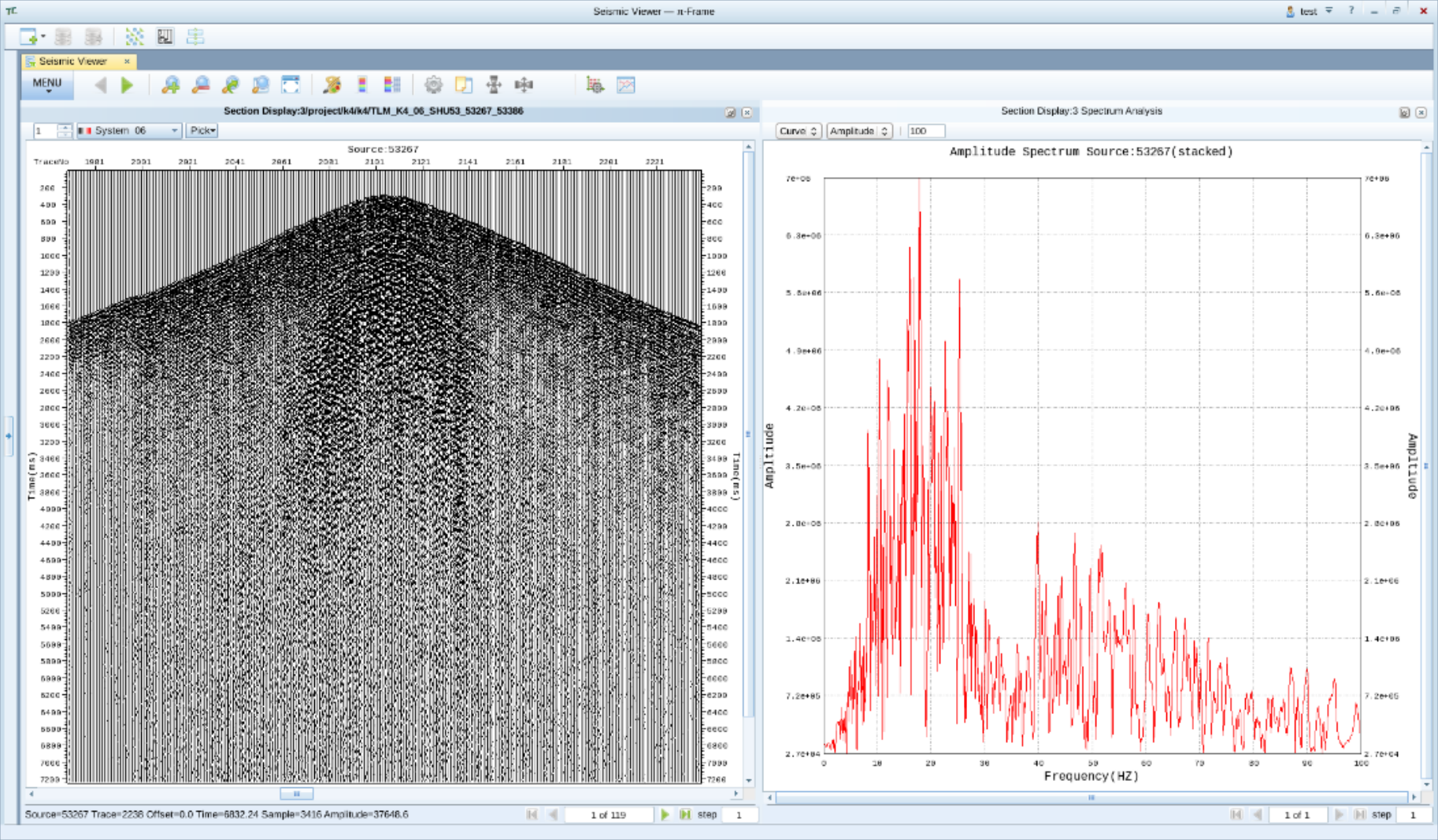




# 智能勘探开发系统 | 方案展示









解释地下构造



油藏预测



处理PB级别数据