

## **SIT740 Research and Development in Information Technology**

### **Pass Task 3.1P: Review an Aspect of Research in Industry IoT**

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#### Investigation of IoT companies [ Vates, ARM, PTC ]:

Vates provides engineering solutions for IoT devices and robust integrated ecosystem to serve them. Their services include systems integration, engineering IoT projects with backend software development and much more. They utilize [agile frameworks](#) and take an iterative-based, incremental approach which optimizes predictability and reduces risk during the development process. The market and the products targeted are very specific and small.

ARM integrate AI solutions for IoT endpoints. They provide services such as connectivity management, device management & data management. They use Pelion an IoT device-to-data platform for connected IoT that create an intelligent enterprise. Since they are integrating new technologies they are failing to educate and reach more markets.

PTC provides solutions in IoT, augmented reality, computer-aided design, product lifecycle management and much more. They provide services through a combination of augmented reality, industry IoT, PLM and CAD solutions. Its limitation includes inefficient financial planning, limited success outside the core and much more.

#### References:

- [1]. <https://www.arm.com/blogs/blueprint/arm-enables>
- [2]. <https://www.ptc.com/en/about>
- [3]. <https://www.vates.com/company/about-us/>
- [4]. <http://fernfortuniversity.com/term-papers/swot/nyse/3841-ptc-inc-.php>