

Intellution: A Study In Innovation

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Discussion Points

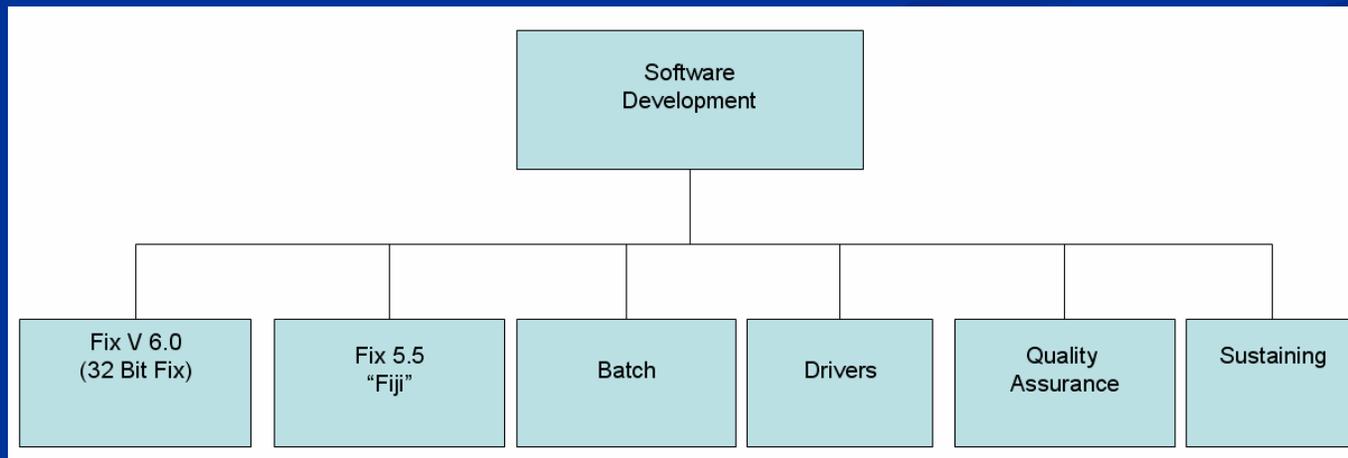
- The Case
- Contributing to Innovation
- The Risks to Innovation
- What Happened

Intellution

- Fifteen year old Software Company (in 1995)
- Privately owned but recently sold to large company
- Product
 - Fix TM- First PC based SCADA system
 - Disruptive to Industry

Intellution

- Personnel
 - Most Engineers have tenure < 5 years
 - Senior engineers are leaving the company
 - Yet Engineering staff is growing!
- Organization



Contributing to Innovation

- Young Staff
- Single Geographic Location
- Large Open Office Space
- New engineers assigned to bug-fix
 - Forces them to reverse-engineer product
 - Forces them to seek out those with more experience
- Innovation is incremental
 - Applying new Technology to existing architecture
 - Why Can Intellution get away with this?

Risks to Innovation

- All engineers are dedicated
 - To projects
 - To Bug-fixing
- New technology depends on new hires
- Existing product knowledge depends on old-timers
- Value of Innovation dependent on external technology changes

What Happened

- Internet Boom
 - Couldn't hire new engineers
(No stock options)
- Effort to implement technology yielded less value
 - Time to implement product increased from 1 year to 3 years
- Could not expand into other markets
- Intellution got sold again!