



The Global Language of Business

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Medtronic

26 October 2016



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Delivering and Tracking Medical Devices

Use Case: Consignment Management

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Why are GS1 standards important to Medtronic internally?



Use Case: Managing Consignment Inventory





Standards =

Quality +

Interoperability

Quality - 质量



the standard of something as measured against other things of a similar kind; a degree of excellence

东西作为对相似类型的其他东西衡量的标准;一定程度的卓越.

Interoperability - 互通性



The ability of a system or a product to work with other systems or products.

系统或产品的与其他系统或产品来工作。



UDI – Universal Device Identifier



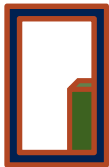
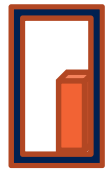
A set of requirements to **unambiguously** identify medical devices in the healthcare supply chain.

一组的要求，毫不含糊地确定医疗供应链中的医疗设备。

How are devices being distributed?



Manufacturing Plants



US, EU
Distribution
Centre



AUS



SGP



JPN



CHN



AUK



SYD



MEL



Trunk Stock – Rep Carry



Medtronic Mobile Express



Consignment Management Tool



Medtronic Mobile Express



Capabilities

- **Multifunction – Field Cycle Count and Implant Registration**
- **Better Inventory visibility - actionable Insight**
- **Use By Date Management**
- **Inventory Transfer**

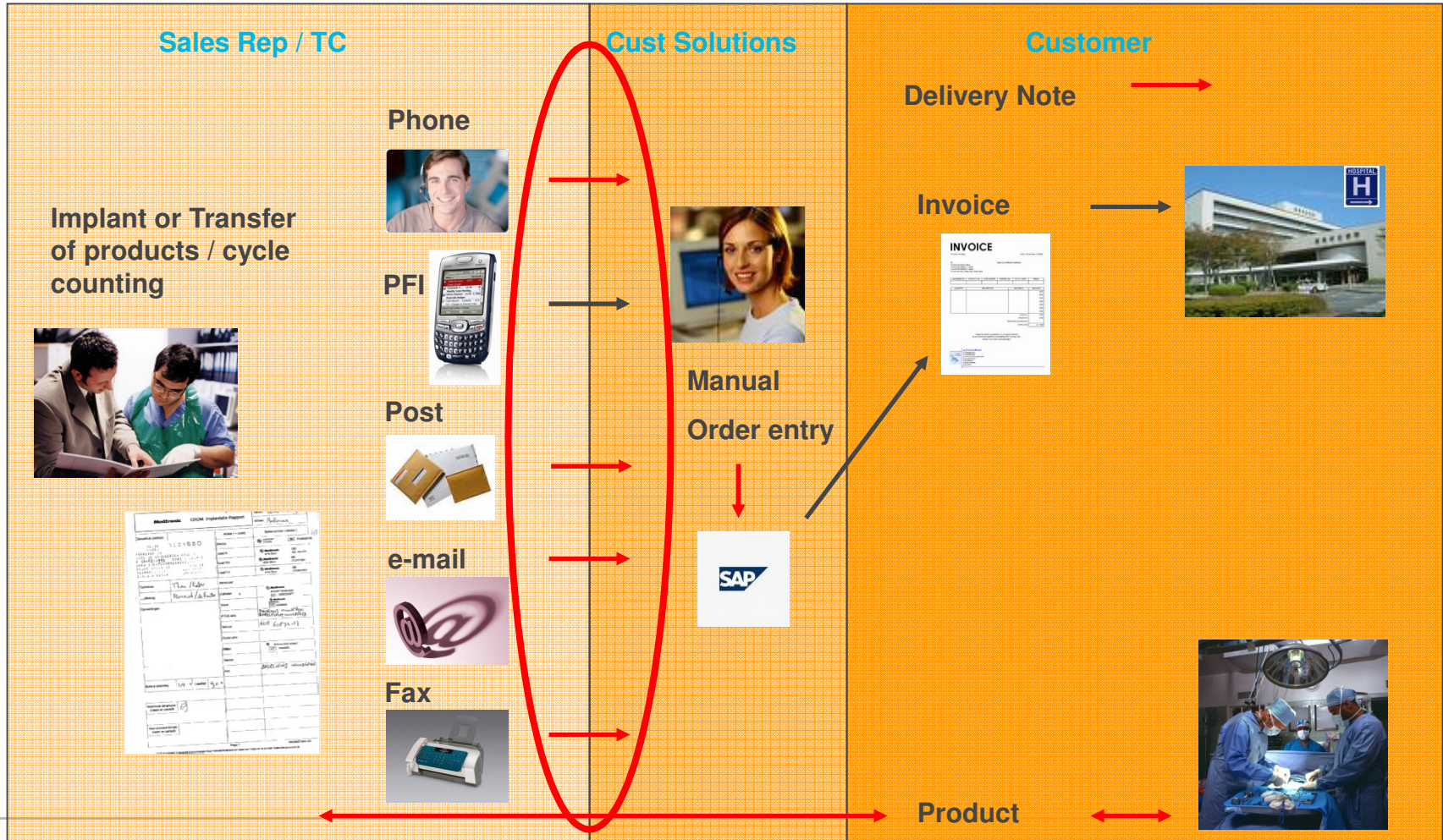
Benefits

- **Increase Productivity**
- **Operational Efficiencies**
- **Reduce inventory cost**
- **Maintain patient privacy**
- **Patient safety**

Before

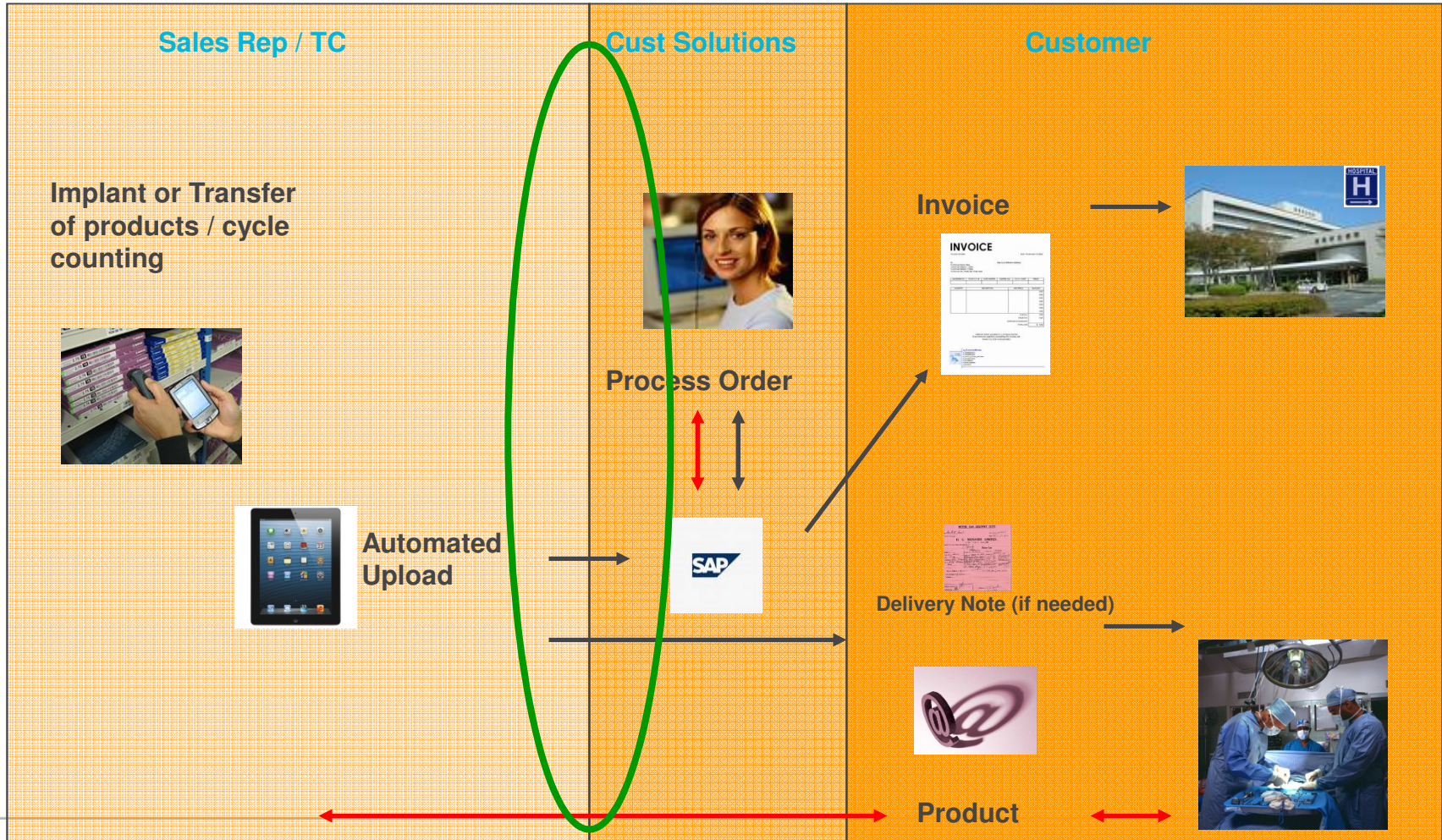


- Manual Process
- Automated Process



After

- ➔ Manual Process
- ➔ Automated Process



Video



The Alternative ...



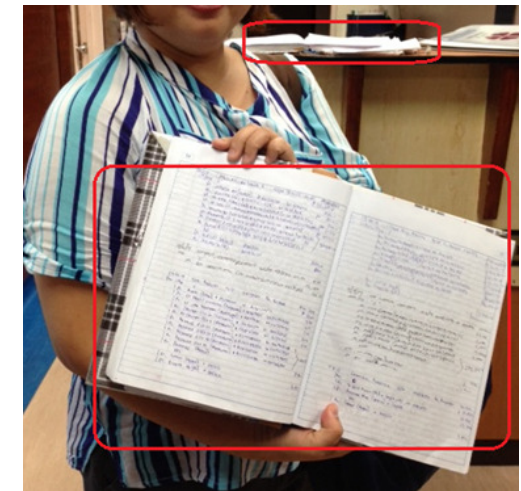
Photo from Phone

Resolute

| | | | |
|-----------|------------|---------|-------|
| 2.75 X 8 | 2015-0-03 | 6896167 | 1 pc |
| 2.75 X 8 | 2015-01-24 | 6632824 | 2 pcs |
| 2.75 X 12 | 2015-09-27 | 6886743 | 1 pc |
| 2.75 X 14 | 2016-02-10 | 7031106 | 1 pc |
| 2.75 X 14 | 2016-02-03 | 7020917 | 1 pc |
| 2.75 X 14 | 2016-01-27 | 7019320 | 1 pc |
| 2.75 X 14 | 2015-11-06 | 6933516 | 1 pc |
| 2.75 X 18 | 2016-03-30 | 7090394 | 1 pc |
| 2.75 X 18 | 2016-04-23 | 7124368 | 1 pc |
| 2.75 X 22 | 2016-01-09 | 6994805 | 1 pc |
| 2.75 X 20 | 2016-04-14 | 7112504 | 1 pc |
| 2.75 X 22 | 2016-04-12 | 7108619 | 3 pcs |
| 2.75 X 22 | 2016-03-17 | 7073208 | 1 pc |
| 2.75 X 26 | 2016-03-19 | 7079682 | 1 pc |
| 2.75 X 26 | 2015-10-16 | 6910029 | 1 pc |
| 2.75 X 26 | 2015-10-18 | 6913581 | 2 pcs |
| 2.75 X 26 | 2016-02-21 | 7046335 | 1 pc |
| 2.75 X 30 | 2016-04-06 | 7097651 | 2 pcs |
| 3.0 X 9 | 2015-01-21 | 6629001 | 1 pc |
| 3.0 X 12 | 2015-10-01 | 6892653 | 1 pc |
| 3.0 X 12 | 2015-12-04 | 6963478 | 3 pcs |
| 3.0 X 12 | 2016-03-05 | 7062054 | 1 pc |
| 3.0 X 12 | 2015-10-01 | 6892653 | 1 pc |
| 3.0 X 12 | 2015-01-09 | 6616199 | 1 pc |
| 3.0 X 15 | 2016-03-23 | 7081520 | 2 pcs |

Transcribe onto paper

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Hospital Implant Book

