



ARYAVRAT
INFOTECH



ISO 9001:2008
Quality Management System

IoT in Manufacturing

Submitted by Aryavrat Infotech Inc.



Case 1



Mobility in Sweetner Manufacturing



Mobility in Manufacturing Unit

Machinery Plant

Delivery & Logistics

Supervisors + Managers

Support System

Production Unit

**Bluetooth Chip or
Sensor Devices or
Automatic machine**

Notifications of fault
→
**Manufacturing Data
Analytics**

ERP's



Mobile Apps



Mobile App functions

Managers

**Support
System**

**Delivery +
Logistics**


B2B / B2C

Security

**Sales +
Order**

Accounts

**Supply +
Vendors**



Mobile Apps – Manager/ Supervisor, B2B

- Notifications if any system down – to support Engineers
- Production details of day to managers
- Delivery + Logistics – notified about the production ready
- Supply or Purchase department got notified for raw materials
- Account Department – notifications of pending bills or dues once delivery happen
- Delivery notified for receipt to Sale Department
- Support System got updates or order so they can provide support from any where
- Management notified for shut downs and financial fig., critical situation.



Achievements of Mobility

- **More than 50% improvement in handling machine system with notifications + auto escalations on Mobile**
- **Quick Notifications for delivery + Logistic updates to managers + Supervisors – Better Planning – 25% improvement**
- **Better support services n B2B, B2C**
- **Sales + Order department take orders on phone – 100% uptime to increase sales**
- **Improve cash flows – 10-15%**
- **Critical notifications to Management- 30% improvement in turn around time**

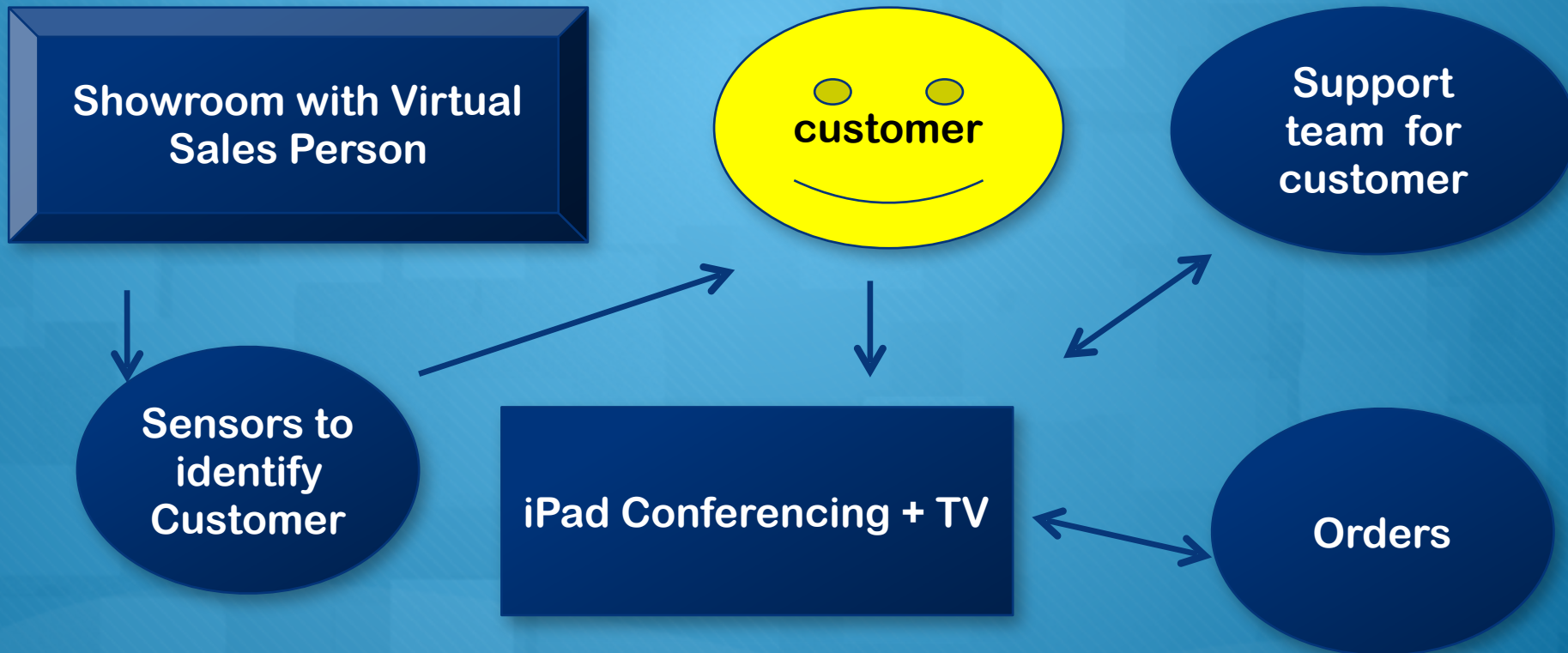


Case 2



Mobility in Virtual Showroom for Stone Manufacturing Unit

Mobility in B2C – Virtual showroom for Stone Manuf.





Achievements of Mobility

- **Saving of Employee Cost approx. 80-90\$K in one showroom**
- **Innovative Solution – Increase Walk-in**
- **Quick turn orders**
- **Low support system cost**



Case 3



Mobility in Printing Manufacturing



Mobility in Printing Unit

**Procurement for quick
turn around time**

Delivery in B2B, B2C

**External Designers +
Managers**

Support System

Mobility in B2C



Design Cards + Magnets



Order + Payments



Delivery + Tracking



Achievements of Mobility

- **Improved & Big designer Networks**
- **Quick Notifications for delivery + Orders+ Supervisors – Better Planning – 40% improvement**
- **More visitors, more orders – Increase**
- **Fast Delivery + Improve cash flows – 15-20%**
- **Critical notifications to Management- 10% improvement in turn around time**



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