

Adapting Swiss Vocational Education & Training for India

FICCI GLOBAL SKILLS SUMMIT 2017

skills[®]sonics

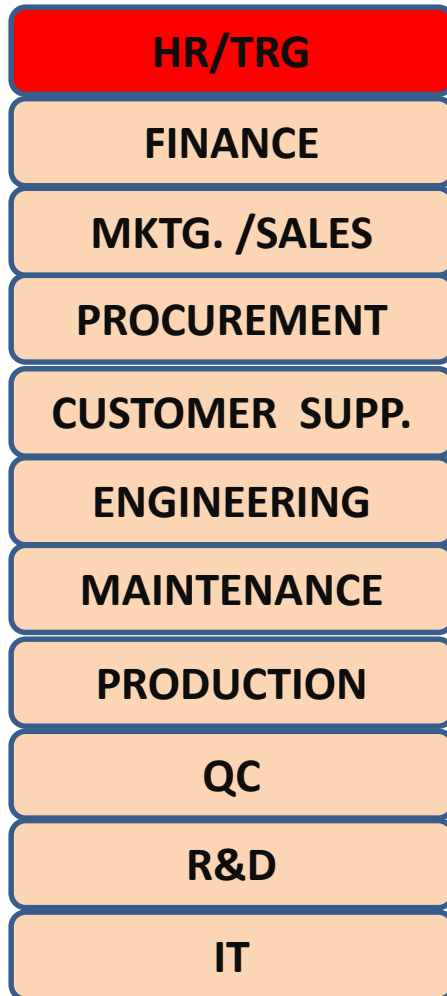
Skills for Life

Chandra Kumar
Founder, Co-Chairman & CEO
SkillSonics

Swiss cooperation partners

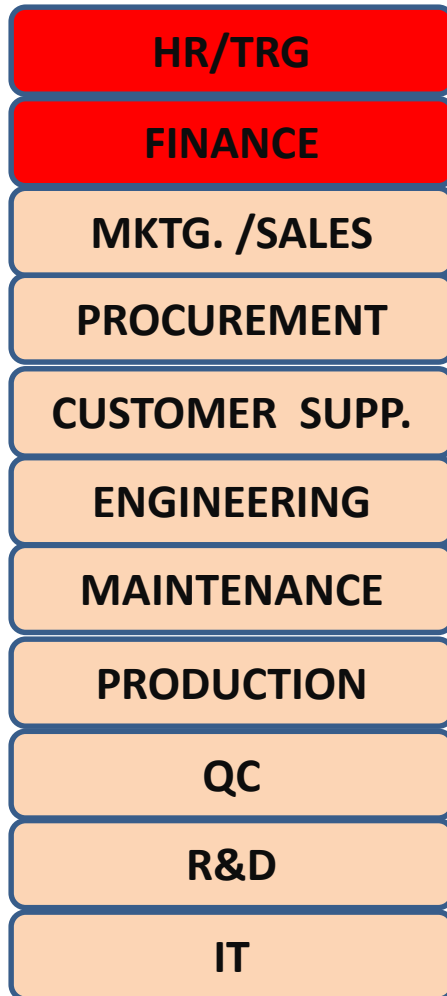


Impact on Organization and People



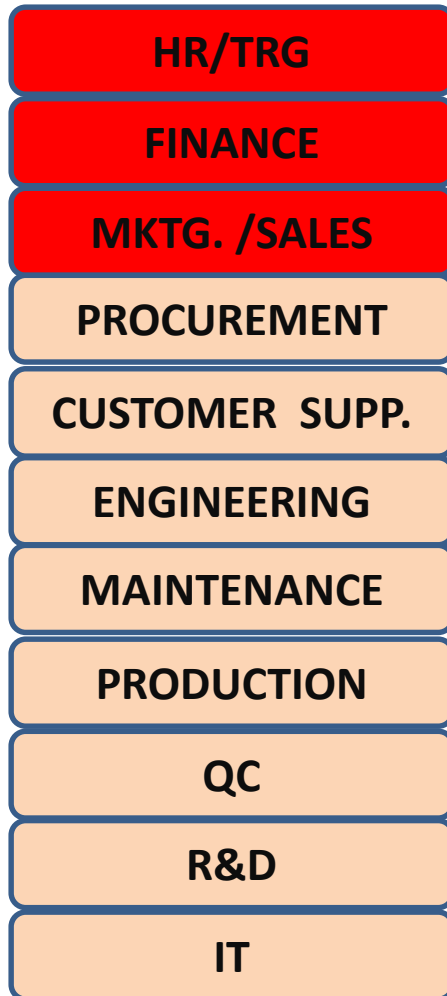
- **Mapping of People Skills**
- **Skill Upgrade of existing People**
- **Train The Internal trainers**
- **Change Management**
- **Attract highly skilled IT, Consulting talent to industrial environment**
- **Skill intensive NOT labor intensive production**
- **New Tools applied for talent mgmt.: augmented reality, simulation, virtual intervention, etc.**

Impact on Organization and People



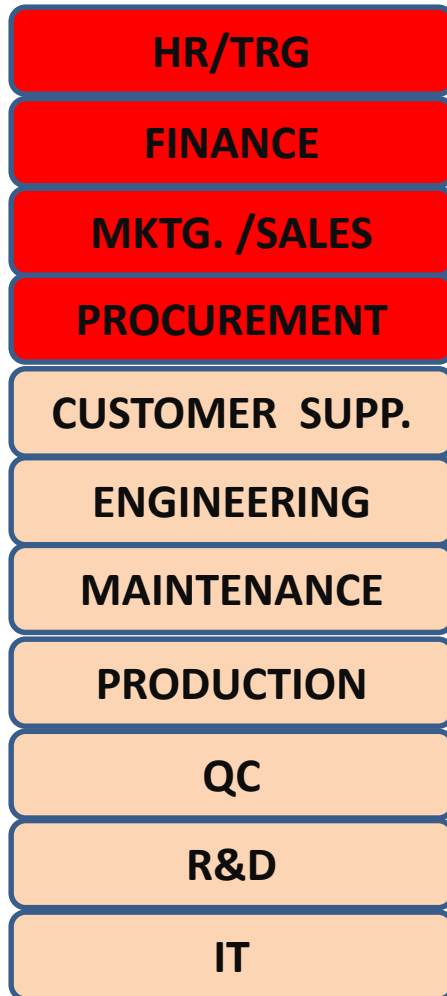
- **Business Intelligence Higher**
- **Real-time production and sales data for cash-flow analytics**
- **Industry 4.0 implementation has high impact on CapEx**
- **Potential decrease in OpEx**

Impact on Organization and People



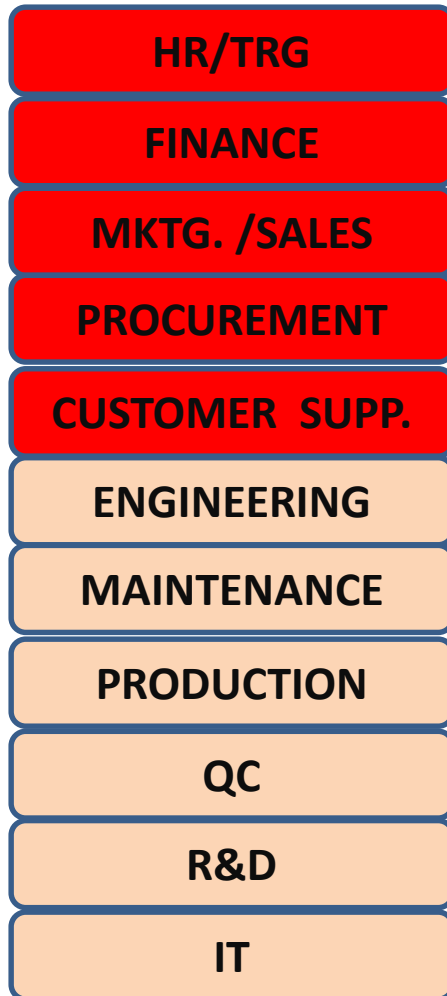
- **Dynamic, Integrated sales forecast and production planning**
- **Real-time sales automation**
- **Less rejections**
- **Opportunity to Scale to serve global markets**

Impact on Organization and People



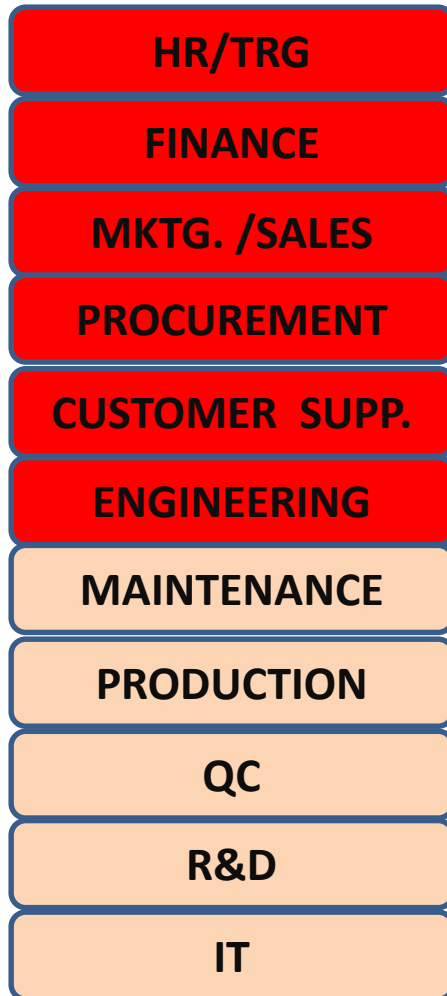
- Real-time equipment health monitoring tools
- On-line supply chain management
- Higher skill leads to identification of innovative components
- Real-time parts and equipment traceability
- Optimization of usage
- More effective inventory management

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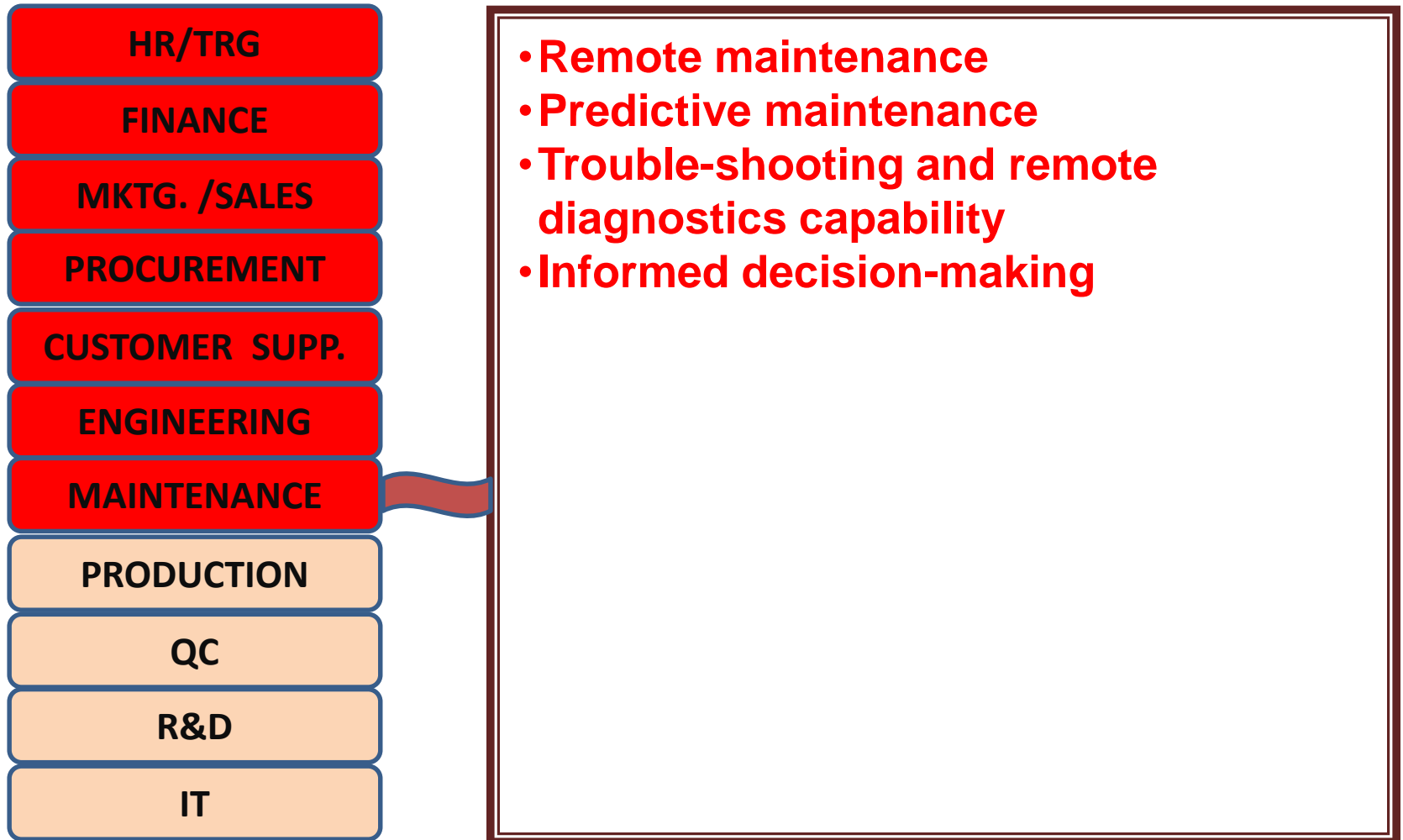
- **On-line Integrated CRM**
- **Remote monitoring of performance**
- **Predictive failure analysis**
- **Real-time engagement for fault resolution**
- **Higher satisfaction levels**
- **Optimization of maintenance costs**

Impact on Organization and People



- **Intuitive visualization software tools**
- **Design simulation / Virtual Reality**
- **Virtual planning of products**
- **Machine Learning / Artificial Intelligence**
- **Edge-analytics**
- **Embedded systems**
- **Robotics**
- **3D printing**
- **IoT**
- **M2M - Interface**
- **SCADA – Control system**

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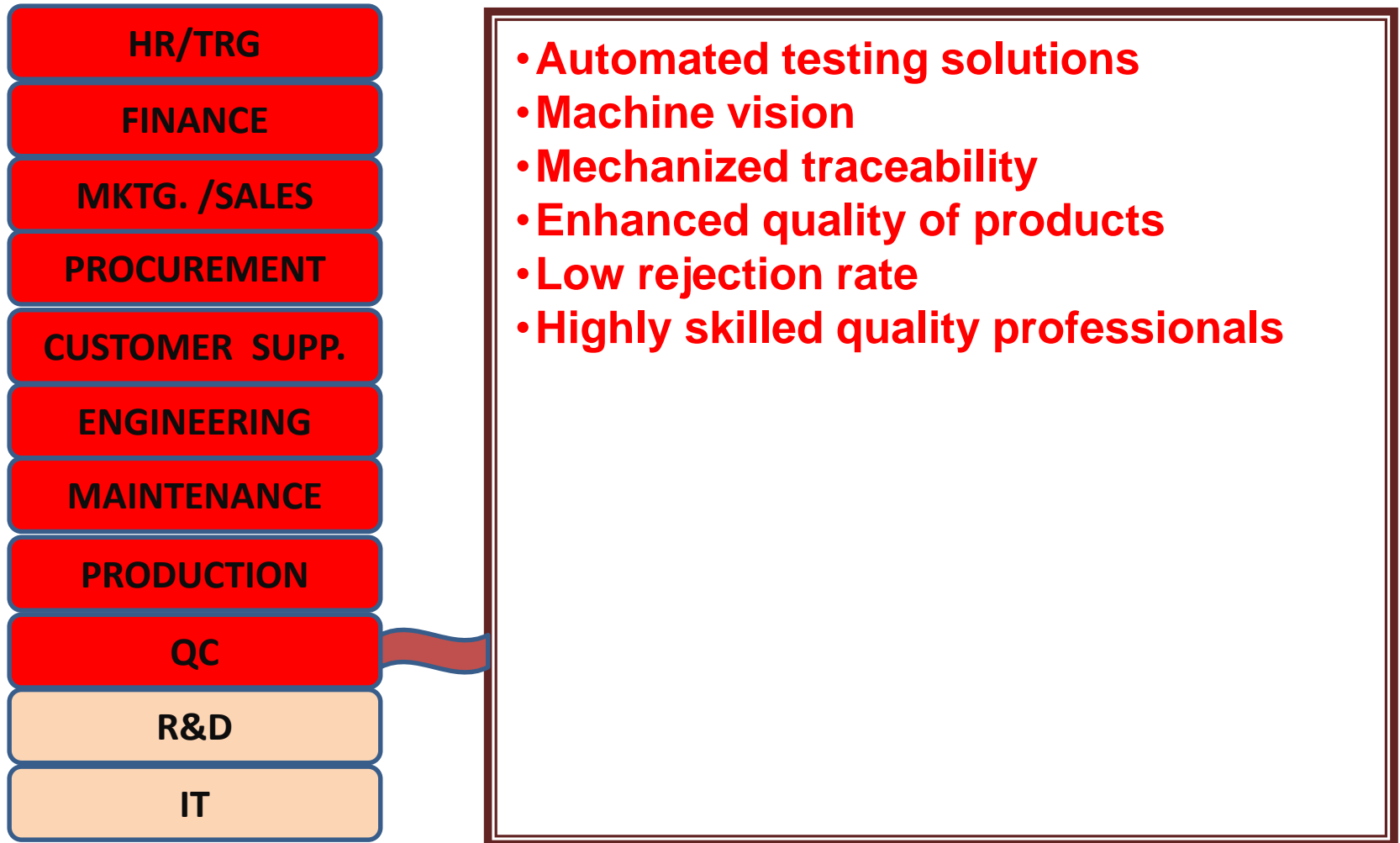


Impact on Organization and People



- Proficiency in Mechatronics & Visualization tools
- Programming control systems
- Data acquisition and analysis
- Production / Process simulation
- Automated part manufacturing and assembly
- Transferring intuitive digital instructions to physical world
- Speed and accuracy; Attention to detail
- Analytics for problem-solving
- Increased efficiency / productivity
- De-centralized production control
- Remote monitoring of production
- Reduced human errors
- Increased quality and quantity
- Reduced risks & health hazards
- Higher production with same manpower

Impact on Organization and People



Impact on Organization and People



- Rapid development tools
- Simulation tools – ensure flawless design
- Automated design solutions
- Seamless information transfer from design to production
- Reduced time to adapt new designs

Impact on Organization and People



- Cloud computing
- Seamless digital networks
- High speed wireless connect
- Industrial Ethernet and industrial comm.. protocols
- Integrated real-time analytics
- Analytics to derive Operational Intelligence from Big Data



Committed to your competitiveness

Contact: 'info@skillsonics.com'

SkillSonics India Pvt. Ltd. : No. 12, 2nd Floor, 17A Main, 5th Block, Koramangala, Bangalore – 560095, India
SkillSonics AG : Kasernenstrasse 11, 8004 Zurich

E : info@skillsonics.com | T : +91 80 4115 5272 | W : www.skillsonics.com



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