

iSee Mobile Apps®



iSee Mobile Apps® 是基于网络的即时监控系统。我们正处于一个高速发展的数字移动时代，通过 iSee 可以随时随地了解橡胶机的所有历史及实时生产及工作状况。

iSee 支持几乎所有热门的数字平台：PC、iPad、iPhone、Android 等。

借助 iSee Mobile Apps® 的高度可移动性：

- 无论您是在厂内，还是在办公室；
- 无论您是在朋友家里，还是在餐馆；
- 无论您是在国内，还是国外；
- 无论您是在红绿灯前，还是在小船上……

您都可以一手掌控橡胶机的所有工作状况。

借助于服务器的数据储存能力，企业可以拥有无以计数的历史记录。

iSee Mobile Apps® 通过分析现有的数据资料，可以生成更为直观的数据分析报表，提供更精准的分析结果，作为高层及管理层人员的决策依据。

iSee 带来的是先进的网络数字化的生产管理方式，带来的是精准分析，降低成本，提高效率！

iSee Mobile Apps® is a real time surveillance system based on networking. Riding on high-speed development era of digital mobile, we can access historical as well as instant working conditions and production data of RIMs whenever and wherever via iSee Mobile Apps®.

iSee supports almost all popular digital platforms: PC, iPad, iPhone, Android etc. By means of iSee Mobile Apps® high mobility.

- No matter you are in production line or sit in the office.
- No matter you are at friend's home or in the restaurant.
- No matter you are in China or not.
- No matter you are in front of traffic lights or on the boat.

You can gain the access to all RIMs working data by just "clicking" or "swiping".

With the help of server data storage function, company can own countless historical records; through data processing, iSee can generate integrated data analysis report, and provide more accuracy data analysis results, to facilitate the senior management and operation managers for making decision on evidence base.

What iSee Mobile Apps® brings is advanced network and digital production management format, accurate analysis, low cost, and operation efficiency improvement.

大同信息科技  
COSMOS I-TECH SOLUTIONS

DEKUMA 德科摩橡塑  
DEKUMA RUBBER

iSee Seeing is believing



DEKUMA

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iSee-1203

Excellence through People, Sharing the Future together



顺应全球低碳的绿色环保概念，现今的橡胶注射机都有着一个共同的设计目标：**环保节能**。我们的橡胶机制造商通过不断提高制造工艺，引入新技术，以求进一步提高机器精度，降低能耗，减少废品浪费。

当我们的橡胶机已经进一步协助降低使用者生产成本，同时大大提高生产效率的情况下，大部分塑料加工企业的生产管理模式却依旧相对落后，造成低效率决策、高管理成本。具体表现如下：

- 管理层不能**即时、随时**浏览橡胶机工作状态、生产效率及进度、订单情况等。以致未能作出资源上合理配适。
- 每台注射机以**独立形式**存在，不能进行系统综合管理，以致管理层不能综合了解生产情况及进度。
- 橡胶机需要投入大量人员进行监控，收集相关数据，在造成**人力资源浪费**的同时，却不能保证数据的**准确性**。
- 生产过程出现异常，不能**即时反馈**问题。
- 生产数据不足，不能进行有效的**生产分析**。

Following the grand trend of global low carbon and green concern, now RIMs all have one common design goal: Environmental-friendly and Energy-saving. Being RIM manufacturer, we have researched and developed the machine with higher repeatability, lower energy consumption and higher yield rate through technology advancement and innovation.

When the machines help our customers to reduce production cost, most of the plastic processors are still adopting obsolete management method which leads to slack decision making and high management cost. Such as:

- Management cannot get immediate access to current RIMs working condition and production progress...etc, no primary information is easily available to management for quick decision making on resources allocation.
- Without group network, each RIM works independently, so does its production data. Overall comprehensive production progress report is hardly available to the management.
- Instant data collection incurred high labor cost, while data sampling accuracy could be adversely affected due to human error.
- No immediate feedback or alert when abnormal condition in production happens.
- No effective production analysis due to lack of historical and current data.

借助于网络和数字化的支持，CML携手大同信息科技有限公司开发的橡胶注射机远程监控应用 **iSee Mobile Apps®** 具备以下优势：

- 支持多种数字设备：PC、iPad、iPhone、Android等。
- 即时、随时浏览橡胶机工作状态、生产效率及进度、订单情况等。
- 统一界面，综合了解所有橡胶机生产情况。
- 自动采集生产数据，并保存到数据库。减少人力投入，提高数据精度，减少人手错误。
- 即时通知生产过程中出现的异常情况，让企业更迅速解决问题。
- 历史生产数据数字化保存，更有效地进行资料共享，并提供精确的数据分析。

Taking the advantages of advanced network and mobile digital technologies, CML and Cosmos i-Tech Solution Ltd (www.cits.hk) has co-developed the remote diagnosis system.

- Supporting several kinds of digital equipments: PC, iPad, iPhone, Android etc.
- Observing RIMs working condition, production efficiency, production progress and orders etc, at any time.
- Gaining all RIMs production status by unified interface.
- Collecting production data automatically, store to data base, save man-hour, improve data collection accuracy and avoid human error.
- Reporting abnormal processes immediately, addressing problems faster.
- Storing historical production data, share information more effectively and provide accurate data analysis



**整套解决方案主要由三部分组成： Total solution mainly includes three parts:**

- 服务器：数据储存 Server: data storage.
- 网络：数据传输 Networks: data transmission.
- iSee Mobile Apps: 监控及数据分析 iSee Mobile Apps: surveillance and data analysis.

服务器通过网络连接橡胶机，不断收集橡胶机当前状态数据，并保存到服务器的数据库。

**iSee Mobile Apps®** 通过网络连接服务器，获取即时数据，对所有橡胶机进行统一监控。异常情况出现，会在 **iSee Mobile Apps®** 通过“PUSH 推送”技术经移动智能电话或 iPad 获得。

**管理层**可以了解所有橡胶机的当前状态：生产情况、开机状态、耗能情况等。同时也可以对部分（或者全部）机器的生产情况进行汇总，进行图形化浏览生产计划及生产进度等。

**生产经理**可以了解注射机的 SPC 情况，图形分析报表等。

**技术工程师**可以即时观察橡胶机当前所有技术参数情况。

Server connects PIMM through network, collect RIM current operating data, and store to server.

**iSee Mobile Apps®** connects server through network, obtain real time data, all RIMs integrated surveillance. **iSee Mobile Apps®** will automatically send an instant ALERT to the user's mobile devices (Smart Phone or iPad) using PUSH technology.

**Management** can know all RIMs current working condition: production process, energy consumption, etc. Meanwhile, summarize some RIMs (or all RIMs) production data, comprehensive production progress in chart or table form.

**Production manager** can easily get RIM SPC and graphical report etc.

**Technical engineer** can have all RIMs working parameters and conditions.

**高层管理者使用 (预设版面, 可客户化)**

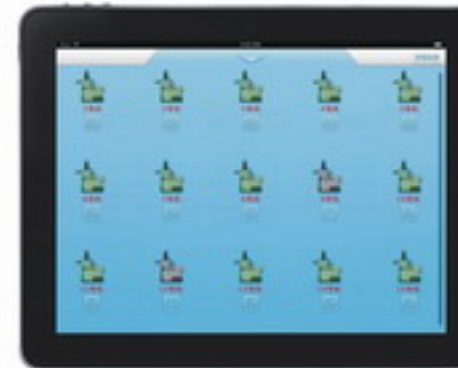
Standardized Pages for Senior Management (Customerization available)



进度 (Progress)



SPC列表



SPC

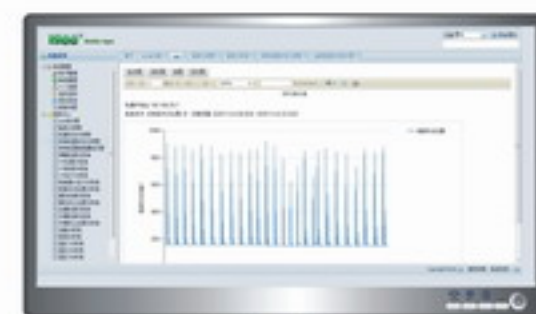


SPC列表

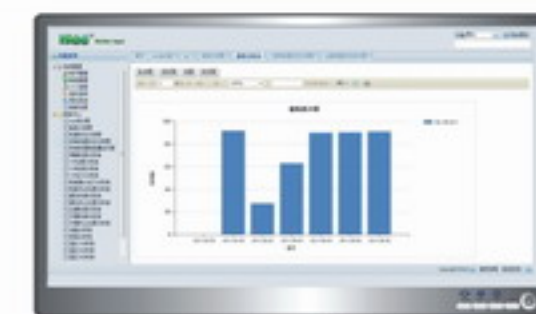
**PC**



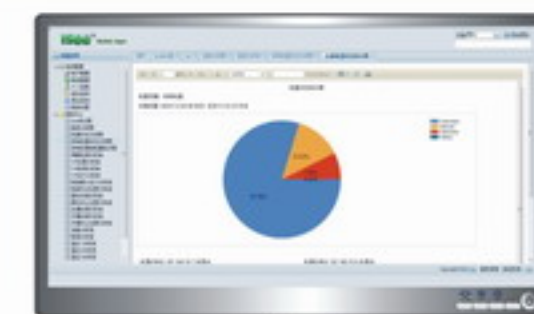
iSee 首页 (Front page)



SPC统计表



能耗分析表 (Energy Consumption Analysis Chart)



机器状态统计表 (Machine Operation Status Chart)