

WINGS

WEB INTEGRATED GROWER SUPERVISOR

*Open a window into your process data
Close the loop on process development*

What is **WINGS**?

- A fully integrated crystal growth process development database and reporting system for Kayex crystal growers.
- The **WINGS** system brings process visibility to any computer with a simple web browser, anywhere, even over the Internet.

What does **WINGS** do?

- **WINGS** displays current grower and process status from anywhere, at any time.
- Stores growth data from all growers, all runs, all crystals. Retrieves and correlates it effortlessly.
- Stores and correlates all recipe and process development information. Updates process recipes from anywhere.

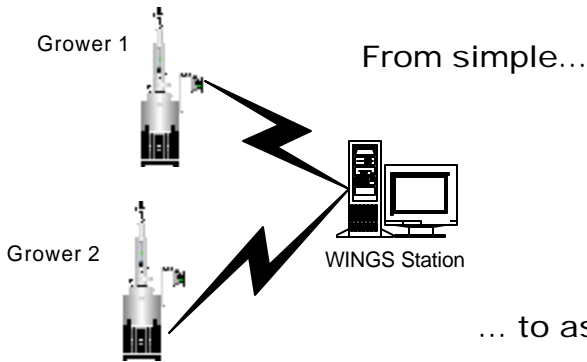
What are the benefits of **WINGS**?

- Tighten the loop on process control by giving your engineers up to date feedback, wherever and whenever needed.
- Reduce bottlenecks in process recipe development by eliminating limitations of single-point location.
- Facilitate process improvement and SPC with easy access to historical data and reports.
- Combine data from all facilities and all Kayex grower models.
- Use the industry standard database and reporting tools of **WINGS** to integrate your crystal growing operations more closely into your overall information technology strategies.

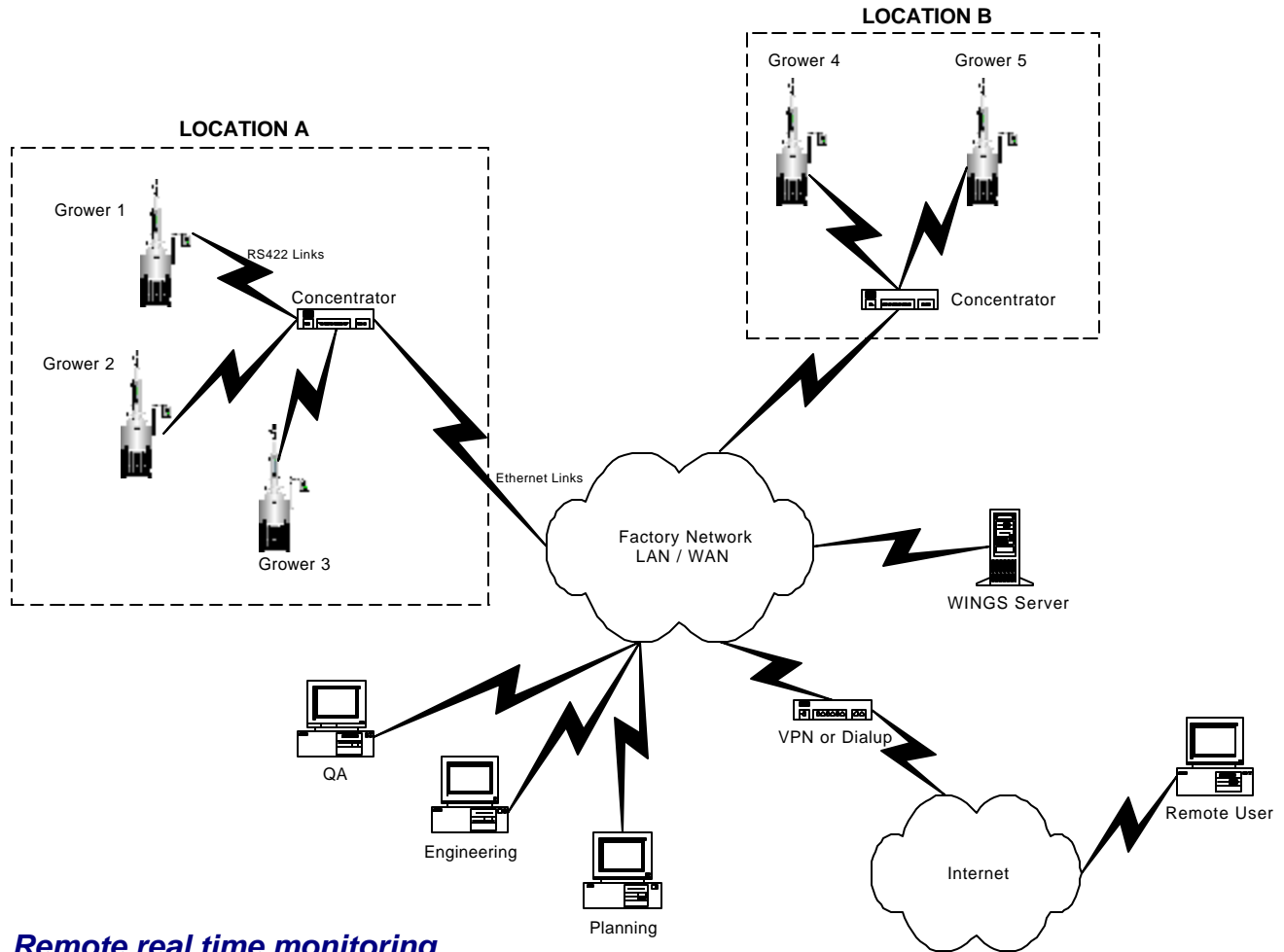


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... to as large as you grow, **WINGS** grows with you.



- **Remote real time monitoring**
- **Accessible crystal growth data**
- **Intranet and internet compatibility**
- **Industry standard, configurable reporting**

Grower Compatibility	All Kayex crystal growers
Database	Microsoft SQL Server ®
Data Compression	User configurable data compression thresholds to manage database size.
Graphing	Configurable refresh interval & variable selection Plot single run, run-to-run, by length, weight or time...
User Interface	Http, standard web browser

KAYEX[®]
CZ Crystal Growers

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