



RL: **CONCRETE**

- is an intelligent tool to dispatch trucks and production resources.
- generates operational transparency and helps to react on changing conditions efficient and in-time.
- reduces your overhead and optimizes the information flow between different units of your organisation.
- helps to schedule your resources optimal, reduces the cost and improves customer service.

DISPATCHING

... starts with the order entry process. RL: **CONCRETE** supports the order entry process using a sophisticated, configurable and role based contact model that allows the concrete company to model any customer hierarchy that can be found in the concrete industry.

Complementary data from the laboratory system and credit data from any legacy system, e.g. SAP can be used through synchronous or asynchronous interfaces to complete the customer model.

The planned assignment of orders to plants and trucks is permanently influenced by many events. RL: **CONCRETE** takes any changed parameter into consideration and shows to the dispatcher a realistic and actual situation of the order fulfilment as well as new planning according to the situation at any time.

RL: CONCRETE

- > Real-time demonstration of the planned situation and lists
- > Hardware and OS independent scalable solution
- > Flexible
- > Maximum of data security
- > High performance and stability
- > Modern graphical user interface

SURPLUS

Introducing RL: **CONCRETE** either as an installation from scratch or as a replacement of an existing system makes the overall production and delivery process transparent to dispatchers and management. Consequently delivery costs will be reduced just after introducing RL: **CONCRETE**. This effect based on an efficient utilization of truck and production capacity will be reached by the following adaptation:

- > Reducing truck holding time within a supply chain.
- > Effective and appropriate use of a combination of different load sized trucks in a subsequent chain of trips.
- > Precocious awareness of a lack of trucks, so actions like postponing orders or renting additional trucks can be performed by the dispatchers.

RL: CONCRETE

> is driven by the requirements of ready mix companies, designed and implemented with state-of-the art software development tools considering modern technologies.

SQL

Due to the fact that RL: **CONCRETE** is J2EE (Java) compliant all actual hardware and OS platforms are supported. Java component design makes it easy to incorporate new requirements without losing scalability and efficiency.

All SQL databases are supported (e.g. Oracle, SQLServer, DB/2, ...) so that existing DB Server infrastructure can be reused.

BATCHING SYSTEM

An open interface architecture allows the use of all existing batching solutions.

LAN/WAN TCP/IP / VPN ADSL/SDSL ISDN

Standard internet lines (ADSL/SDSL) are used for communication between the different locations in combination with virtual private networking (VPN) to guarantee maximum security.

RADIO SYSTEM CELL PHONE (GSM/UMTS)

The integration of different mobile messaging systems (GSM, UMTS, standard radio systems, ...) provides an actual status of the ready mix trucks.

GLOBAL POSITIONING SYSTEM

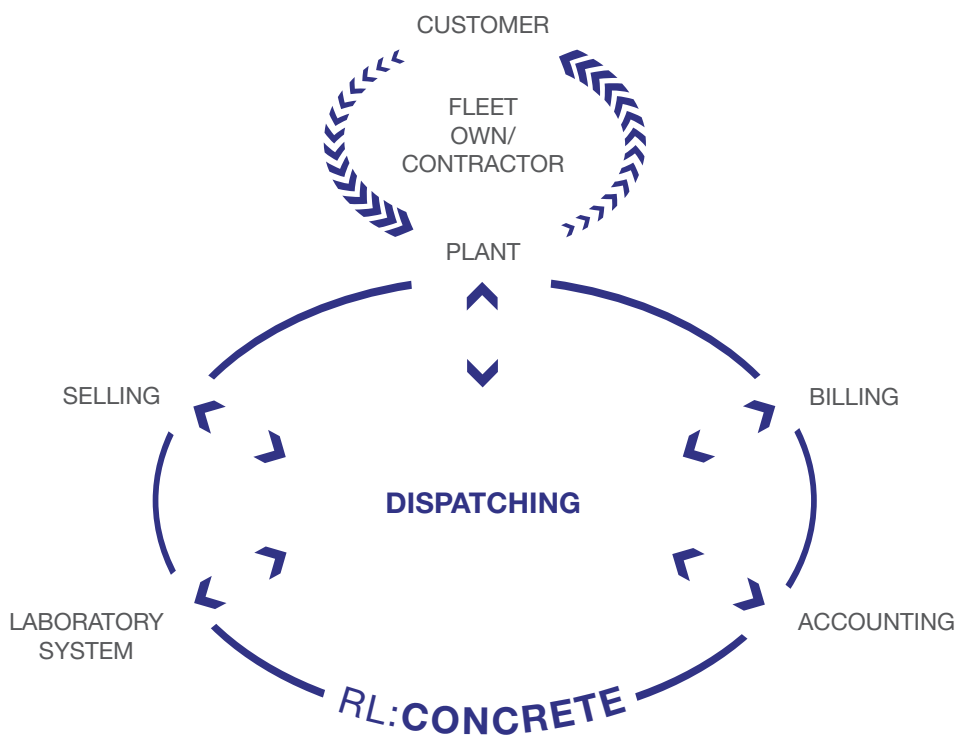
Optional GPS navigation can be used for routing, navigation, round trip measurements and communication between dispatchers and drivers.



Capturing inbound tickets and the creation of material lists is also possible as sending recipes from laboratory system to the batching solution as well as getting batch records from the batching system to the laboratory system.

Based on the created data any type of reporting can be issued immediately: RL: **CONCRETE** offers a typical set of reports for the ready mix industry: customer centric, truck or plant based and material lists. It is also possible to feed any type of BI solution through an ETL process to gain maximum flexibility for reporting.

> Stating from order entry thru delivery: any sub-process is covered by RL:**CONCRETE**.





FEATURES

After entering the order RL: **CONCRETE** automatically checks all production-, material- and truck capacities. Possible shortages will be seen immediately and be solved by adjusting the delivery data. To reduce the risk of a bad debt loss a credit check based on the actual account balance will be performed during order entry.

RL: **CONCRETE** demonstrates for all plants the actual status of the delivery process and the cement silos. In case of changes of a delivery, orders will be adjusted immediately. If it is necessary to inform the client the integrated phone interface (CTI) allows dispatchers calling the client by simply pressing a button in the RL: **CONCRETE** dialogue.

Monitoring the fleet displays the actual situation of each single truck. Depending on the build in device (e.g. RL: **MOBILE**) all statuses of a single trip will be shown to the dispatcher and taken into account for the planning. RL: **MOBILE** generates the statuses automatically and illustrates the actual position of the truck on a map. Each truck can be contacted via text messages or voice.

RL: **CONCRETE** is based on actual database technologies. Data can be accessed anywhere: Ticket data is automatically collected from the batching system and can be adjusted by the dispatchers in case of any changes before they are sent to the billing application.

- Our mission is to supply the ready mix industry with efficient planning tools for dispatching of fleet and production resources.
- RL: **CONCRETE** should be built together in corporation with many companies and users to make sure that most the specific requirements of this industry are incorporated in the product.
- Our technical and business competency relies on our experience in information technology, specifically in the development of logistics and dispatching solutions for the readymix industry.

RL:concrete - Union Beton Werke GmbH

Today 04/19/2007 13:00 1 Hour +49 69 71670890

Donnerstag

Order entry Load list Truck schedule Batching system schedule Tickets Reports Laboratory Base files CTI Messages Help

Company files

- Companies
- Union Beton
 - Base files
 - Businessunits
 - Delivery zones
 - Areas
 - Unload types
- Business partners
 - Customers
 - Dealers
 - Suppliers
 - Prospects
 - Contracts
- Project distances
- Item files

Location files

- Locations
- Distances

Truck files

- Batching files
 - Material Types
 - Components
 - Project parts
- Werk Söchtenau
- Werk Rosenheim
- Werk Neuner

Administration

- System
- Computer administration
- User administration

Contracts Union Beton (View)

Customers

Name: ob

Customer... Check credit Shortname

3.578	<input type="checkbox"/>	ABT WASSER- UND
3.513	<input checked="" type="checkbox"/>	Babl Alfred Baggerb

Items Union Beton (View)

Item Type: Mixtures Search Term: 15

Item Name	Description	Unit
1501	C 25/30 270/40 F2 0/32 XC4/XF1	m³
1502	C 25/30 300 F2 0/32 XC4/XF1	m³
1503	C 25/30 290/40 F2 0/16 XC4/XF1	m³
1504	C 25/30 310 F2 0/16 XC4/XF1	m³
1506	C 25/30 320 F2 0/32 XC4/XF1	m³
1508	C 25/30 330 F2 0/16 XC4/XF1	m³
1511	BEI NEUNER VERGEBEN	m³
1513	BEI NEUNER VERGEBEN	m³
1517	BEI NEUNER VERGEBEN	m³
1519	BEI NEUNER VERGEBEN	m³
1521	C 25/30 270/40 F3 0/32 BV XC4/XF1	m³
1522	C 25/30 300 F3 0/32 BV XC4/XF1	m³
1523	C 25/30 290/40 F3 0/16 BV XC4/XF1	m³
1524	C 25/30 310 F3 0/16 BV XC4/XF1	m³
1526	C 25/30 320 F3 0/32 BV XC4/XF1	m³
1527	C 25/30 270/60 F3 0/32 BV WU XC4/XF1	m³
1528	C 25/30 340 F3 0/16 BV XC4/XF1	m³
1529	C 25/30 290/65 F3 0/16 BV WU XC4/XF1	m³

➤ Order entry, load list, truck schedule, batching system schedule, tickets, reports: All sub-processes are clearly separated in different menus.

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Donnerstag

Order entry Load list Truck schedule Batching system schedule Tickets Reports Laboratory Base files CTI Messages Help

Truck schedules

- Werk Söchtenau
- Werk Rosenheim
- Fremdfuhrpark
- Werk Neuner

Status

- PDA-Status

Truck schedule Werk Söchtenau (View)

19.04.2007 19.04.2007 19.04.2007 19.04.2007 19.04.2007 19.04.2007 19.04.2007 19.04.2007 19.04.2007 19.04.2007 19.04.2007 19.04.2007

0 9 0 9 0 9 0 9 0 8 0 8 0 6 0 6 2 10 9 3 10 10 9 10 10 6 8 0 8 -1

U 41 10,07 km 8,25 m³ 14:08:45 #201753 Knott OE-81 0,75 m³ 16...

P 95 5,00 km 12:30:15 ... 8,00 m³ 13:35:00 #201739 Eggerhauserstr... 1,00 m³ 1...

U 47 0,17 km 7,00 m³ 13:10:00 #201739 Eggerhauserstr... 4,00 m³ 15:21:00 #201739 Egger...

W 67 24,65 km #201... 7,00 m³ 13:58:00 #201739 Eggerhauserstr... 4,00 m³ 15:21:00 #201739 Eggerhauserstr. Eggerhauser Straße DE-63355 Grabenstätt

W 74 24,67 km #1... 6,00 m³ 14:26:00 #201739 Eggerhauserstr... 0,00 m³ 15:32:00 #201664...

W 74 10,85 km 2:33... 2,50 m³ 14:58:30 #201746 Hoth H... 0,00 m³ 15:32:00 #201664...

W 72 11,90 km 8,00 m³ 14:24:00 #201768 Holzberger Esc... 0,00 m³ 15:32:00 #201664...

U 79 11,26 km 7,00 m³ 14:34:00 #201766 Freund Stefan ... 0,00 m³ 15:32:00 #201664...

Warten bis neues Fahrzeug kommt


Trip: Status Undo Cancel Finish Undo

Truck: Edit Trips Transfer oo-serv...

Messaging: Call GPS on Phone GPS off

Options: Show conflicts

➤ The latest status of loading list, truck schedule, batching schedule is available to the dispatcher: With RL: CONCRETE dispatchers always can proactive react on new situations.



> We provide the following services:

- > Consulting
- > Deployment
- > Training
- > Migration Support
- > Update Service
- > Support via. VPN
- > Mobile Signalling System

For further information,
please contact one of the
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