

BUILDING ALLIANCES

How Webcor uses collaborative technology to build buildings faster and cheaper.

1 PROJECT DEVELOPMENT

Online collaboration begins when an architect's blueprint...



...is put on an Internet platform...



...that's accessible to:
 • the owner
 • the developer
 • the contractor
 • consulting engineers

Normally, each blueprint change requires 4,000 pages of paper elsewhere on the project.

With e-collaboration, blueprint changes can be approved in minutes instead of days or even weeks.

\$ Cost-savings can reach 12% on blueprints alone. Time saved during the development process is approximately 15%.



2 COST ANALYSIS

Webcor project managers use the company's online databases to compare the costs of similar projects, taking into consideration such details as the type of site and type of construction, to come up with quick, accurate estimates.



🕒 An accurate budget estimate that would have taken 12 to 15 hours to research now takes minutes.



3 BIDDING

Webcor uses an online bidding service to compare costs and obtain materials and services for construction.

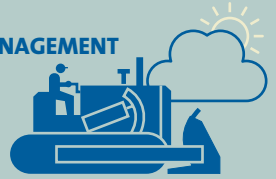


\$ This makes the bidding process faster and far more efficient, producing the best prices and enabling more subcontractors to bid in less time.



4 ONSITE PROJECT MANAGEMENT

All parties in a project can manage deadlines, costs, changes in the weather and other outside factors to complete projects faster, and hold contractors accountable for errors and delays.



\$ For each day saved on a \$50 million construction project, builders save \$19,200 in interest costs, plus thousands more in overhead and administrative costs.



Webcor was the first construction company to equip each job site trailer with a T-1 line and a terminal linked to Webcor's HQ.

This enables immediate, always-on access between Webcor's main office and its job sites, leading to instant communication on changes in weather plus more accountability from various parties on the job.

Each Webcor supervisor has a Palm handheld device to handle labor distribution reports, change orders, job queries, safety inspections and time cards.



🕒 This makes real-time project monitoring possible and shrinks data input time. When the time cards are finished, the information is downloaded to the job site trailer and sent directly to Webcor's HQ, instead of being submitted on paper once a week and then typed into Webcor's main computers.



5 FUTURE DEVELOPMENTS

Webcor is still building bridges between different "islands of technology." New software will make it possible for time cards and safety inspections to be sent from wireless handheld devices to Webcor's HQ. Webcor is also working on linking its accounting and project management software.



These enhancements will provide a more efficient and strategic use of Webcor's databases—ideally all of them accessible from anywhere with a handheld wireless device.