



Digital Engineering Platform



Crystal Clear, Realistic View

By Dr.Sc. Dragan Radic, M.Sc. B.Sc. CE

I am excited to inform you that Computhink Inc. and DGS Technical Services Inc. from the United State have developed a brand new, cutting-edge digital platform for the construction and engineering industry. The platform is designed by respected industry experts with practical experience, so it can quickly adapt to your business needs and provide executive, practical, and operational excellence.

Our digital engineering platform provides centralized, instant, and secure access to all business-critical content for your project participants. Implementing our platform in your business will drive digital transformation, enhance collaboration, and enable you to stay ahead with disruptive technology by providing a crystal clear and realistic view of your construction, business objectives, and achievements.

We guarantee that our digital engineering platform will streamline use of your business-critical data to make the right decisions with up-to-date information, increasing your revenue value and operational excellence, and helping you to complete projects on time.

Coupled with our professional and technical expertise in Architecture, Civil, Construction, Structural, and Mechanical Engineering, this affordable and easily adaptable digital engineering platform will provide absolute value and success to your business, enhancing your growth in the digital economy.

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Enhance collaboration and stay ahead with the latest technology by providing a crystal clear and realistic view of your construction, business objectives, and achievements.



Digital Engineering Platform

Improving Business Excellence

The first engineering platform integrated with professional, technical, digital, numerical modelling, quality assurance, and technical supervision services in Engineering and Architecture.

Our solution leverages our decades of expertise in Construction, Architecture, Engineering, and Technology in global markets.

Computhink and DGS Technical Services are constantly striving towards developing and improving business excellence. We put our customers' needs first and have established long-lasting cooperation and successful implementations. We are always open to new business opportunities.

Build your business and A/E/C projects 200% faster combining your expert knowledge with our IT technology.

Contact us and learn more about our solution.

✓ **Leading solution - Contentverse digital engineering platform**

Computhink and DGS TS are pioneers and industry leaders in supporting construction and engineering projects through digital collaboration. In addition, we have a whole range of related solutions and services that best fit our customers' needs and attain significant benefits.

✓ **Professional and technical services**

- Engineering, design, manufacturing, mechanical, structural, and electrical industries
- A variety of industrial and commercial requirements

✓ **Digital, numerical modelling services: FEA/FEM, CAD, BIM, Tekla, Detailing, Estimodelling services**

✓ **Quality assurance services**

✓ **Technical, designer, and technological supervising services**



ESTABLISHED SOLUTIONS
with decades of experience in:

1. Structural Engineering, Estimodelling, Buildings, Bridges...

- Structural engineering services, Connection design services, Building design, Virtual construction, Bid permits, Industrial platform design, Pipe supports, Pipe stress analysis, Estimation take-off, Stair and handrail design, Value engineering, Preliminary design BIM services, Foundation design, Silo design, FEA/FEM analysis, Erection engineering & construction support, Services shoring analysis, Bridge detailing services, Bundled services, Dynamic analysis (Protective structures), BOM for joist & deck manufacturers
- Estimodelling services: quickly create models, and generate highly accurate material quantities and detailed labor and cost data, for use in project estimating
- Bridge services, Highway detailing, Bridge design, Virtual construction and bid permits, Erection engineering and construction support services, Railroad detailing, Connection design services
- Steel detailing services, Structural & miscellaneous steel detailing, Bridge detailing connection design, and Stamping BIM services estimation; Support services; Client-specific detailing automation decking support & detailing, Stick modeling & take-offs

2. Industrial

- Industrial buildings, such as steel rolling factories, ready mix plants, cement plants, pipelines, etc.
- The rail industry, providing them with a wide range of transportation engineering services and solutions (mechanical systems, electrical systems, electro-mechanical systems)
- A wide range of engineering services to oil and gas companies globally. Our team is well equipped to handle complete Plant (FEED, process, piping, RCC – structural, mechanical equipment, electrical, instrumentation) engineering services. We have over 4000 miles of pipeline CAD drafting for a leading oil & gas firm.
- Empowering energy conglomerates (e.g. oil & gas, wind energy, power, and energy OEMs) to achieve their objectives of maximizing revenue, sustainability, and return on investments through a range of engineering services: Mechanical engineering, Electrical engineering, Plant engineering, Plant layout / process plant layout, Piping engineering, Civil/structural engineering, Electrical engineering, Instrumentation, and Control engineering



With Contentverse, keep all of your structural analysis information up to date.



Contentverse solutions are used in small, medium, and large scale industries.

Contentverse adapts to your business needs and provides overall executive, practical, and operational excellence.

✓ **ESTABLISHED SOLUTIONS**
with decades of experience in:

3. Quality control, Quality assurance, Project management, technical supervising

- Quality control and laboratory services for structures, materials, geotechnical engineering, water engineering, design of structures, stabilizations, stone and aggregate, asphalt and bitumen, building physics, and binders and ecology
- Quality assurance: ensure top-tier collaboration with your quality assurance customers. Offer them a digital engineering platform for your wide range of services in all areas of construction quality assurance. Deliver the results of your tests to them where they need them most – in the office and on the construction site; the documents will always be where your customers need them urgently.
- Project management, scheduling, risk analysis, opportunity management, resource management, collaboration, and control capabilities using the Contentverse digital engineering platform. Contentverse can be easily integrated with your IT infrastructure based on various models: a) hosting on a company server or cloud, b) Computhink cloud solutions, or c) a hybrid model based on a combination of a) and b). You can choose which model will most benefit your business.
- Technical supervising during the construction of structures – in civil engineering, building construction, and energetics – is of utmost importance. We guarantee premium quality project execution to our clients (civil engineering, land surveying, mechanical engineering, electrical engineering, etc.). We provide designer and technological supervision as well as control testing of materials and works in compliance with technical quality requirements defined in the design.



Everything you need to ensure quality is accessible instantly.



Access critical information ensures top-quality supervision, collaboration, execution, and completion on-time.

- ✓ Construction and engineering projects have a lot of administrative and operational challenges. Many contractors are trying to complete their activities on paperwork and on-site within the agreed time and budget.
- ✓ Despite using state-of-the-art IT technology and project management expertise, almost all projects face delay crises. Such surprises in construction will be a thing of the past if you run your projects using the Contentverse digital engineering platform and services.

Our customers have had great positive experiences utilizing Contentverse.

Leverage our platform and related services to ensure your business success and complete all of your projects right on time.



Digital Engineering Platform

Business Solution Synergy



**STAY ON SCHEDULE AND
DELIVER PROJECTS ON TIME**

Our digital engineering platform and services will undoubtedly help A/E/C companies overcome these challenges.

1. Projects organization

- A digital engineering platform organizing collaboration and content exchange for everyone involved in whole projects
- Contentverse is built to easily support construction projects like yours, increasing operational efficiency
- Our services mold to fit your company, not the other way around

2. Accessing and assisting everyone involved in the projects

- Instant and secure access to crucial project data for everyone involved
- Help everyone involved to carry out their work without obstruction and to enhance communication between teams
- Access up-to-date information on construction projects no matter where you are – so that you can make the right decisions
- Send, upload, and share documents securely
- Organize your activities in the cloud together with your IT infrastructure, and collaborate using an intelligent workflow

3. Processes and responsibilities

- Establish consistent processes for operations with workflow
- Share your files securely between subcontractors, firms, and colleagues
- Intelligent, flexible process automation
- Incorporate methods and responsibilities into workflows to increase quality and avoid rework.



4. Communication, synchronization, competitiveness

- Use our digital engineering platform in communication. Sync with investors, owners, contractors, subcontractors, customers, and anyone else that needs to see, send, receive, or work with your documents.
- Achieve customer satisfaction with time and content service.
- A single, synchronized, secure solution for all project documentation
- Enhance your competitive edge and ease of trade.

5. Use your IT infrastructure and applications everywhere

- Every proper project starts with adequate preparation.
- Maintain and control all of your project information in Contentverse; if you need to edit content, just launch it in its compatible third-party application.
- Combine the power of data and a realistic view of the project on-site.
- Surprises in construction will be a thing of the past

6. Using business synergy

- Use our decades of expertise in your industry to get started now!
- Avoid common mistakes and delays, relieving projects from extreme pressure.



Everyone involved has instant access to crucial information – make the right decisions together.

Our digital engineering platform will absolutely solve administrative and operational challenges faced in construction and engineering projects.

Work together, collaborate, complete all activities, and stay on top of your projects within the planned time and budget.





Digital Engineering Platform



We guarantee that our Contentverse digital engineering platform will help you fully leverage your business-critical data to make the right decisions with up-to-date information. Stay on top of your projects, increase your revenue value, ensure operational excellence, and complete projects on time.

Together, we will
effortlessly turn every
project stakeholder's
vision into reality.

www.computhink.com

Contact Us – Let's Get Started

Dr. Sc. DRAGAN RADIC, M.Sc. B.Sc. CE
Business Development Director

 dr.radic@computhink.com

 US +1 (630) 474-3512
EU +385 (91) 337-0561
US +1 (630) 705-9050



contentverse[®]

from computhink

151 E 22nd St, Lombard, IL 60148, USA