



# Lifecycle360 | Optimizing Services



Unlock Your Plant's Full Potential



CPM | CROWN LIFECYCLE 360

## Optimizing Services

### Comprehensive Lifecycle Support You Can Trust

**CPM | Crown's Lifecycle360** is a comprehensive suite of support solutions designed to help you and your team streamline and optimize the full lifecycle of your facility, from pre-engineering to long-term maintenance needs. Our global team of field service specialists has assessed, supported, installed, commissioned and started up thousands of projects and facilities worldwide. Our experience enables you to take control of your operations and:

- increase efficiencies
- reduce costs
- predict maintenance needs and equipment updates
- develop, test, scale and commercialize innovative ideas
- build employee knowledge and confidence
- avoid costly hassles, including unplanned shutdowns

#### **A Consultative Approach**

CPM | Crown is a proven, trusted advisor who is ready to work with you to design the ideal support package for your operations. Every opportunity is unique, and our specialists have the experience that enables them to develop the ideal solutions that fit within your specific parameters.

#### **Global Reach With a Local Touch**

Our diverse, talented support specialists live and work around the world and have helped plan and execute projects in many countries. Their experience and sensitivity enable us to navigate different cultures and languages every day. We are ready to support you no matter the location.

Lifecycle360 is the ideal complement for our robust, innovative equipment. Having our support will give you the peace of mind that comes from knowing you are maximizing the potential of your team and your operations.

#### **Lifecycle360 Optimizing Services**

**For customers with plants over 10 years old who want holistic process improvements that will increase yields and quality, and lead to savings in energy, capacity, water usage, and effluent.**

CPM | Crown's Optimizing Services unleash the full power of our unmatched processing and design experience, deep engineering acumen, industry subject matter expertise, process simulation tools, and our ability to design and deliver the final technology solution. We utilize state-of-the-art process simulation software to identify return-on-investment savings and process improvements. Customers typically receive payback on this service in under 2 years.

With our Optimizing Services, real-world processors have realized returns including:

- 5-15% energy savings
- 5-25% water and effluent reductions
- 2-5% raw material savings
- 2-10% capacity increases

Utilizing our comprehensive library of unit operations, we customize our modeling software to accurately model the real-world operating conditions in your facility, which allows us to pinpoint where you can enhance the efficiency of your operation, discover gaps in technology and automation, and calculate the financial returns of recommended interventions.



This data will enable you to make informed decisions about your next steps in plant improvements, and we will be ready to support you by designing and delivering the necessary technology and automation.

### Optimizing Services

- Assessments
- Analysis
- Modeling
- Debottlenecking
- Delivering both the engineered solution and the recommended equipment/technology

### Benefits

- Improve yields, capacity, and energy, water and waste usage
- Achieve environmental goals and overcome environmental challenges (reduce utilities consumption, decrease water usage, minimize wastewater)
- Holistic overview of whole facility (interactions between upstream and downstream equipment)
- Identify and resolve equipment/process inefficiencies
- Payback typically < 2 years





# Achieve Your Best Results with Our Trusted **Lifecycle360 Support Specialists**



When you combine CPM | Crown's robust equipment and technology with our Lifecycle360 Support Services, you will have peace of mind knowing that an experienced, dedicated and trusted partner has your back at every stage of your plant's lifecycle, from design to full-scale production and maintenance.

Our engineers and experts provide you with an unmatched level of experience: our team has over 1,000 years combined experience in the oilseed, renewable fuels and specialty processing industries. Don't carry the burden of coordinating services from different companies who don't know our equipment as well and who lack our breadth of knowledge and capabilities. We are your single source for the planning, coordination and support that will help secure the success of your investment and help you gain the edge on your competition.

## **Working together for a better world.**

From risk management to environmental management, CPM | Crown applies a global lens to your operations. Count on our problem-solving expertise to help fulfill your sustainability commitments.

## **Partner with us on your key initiatives**

- Carbon footprint reductions
- Emissions & energy reductions
- Operational performance
- Regenerative agriculture
- Renewable resources
- Social responsibility
- Supply chain resiliency
- Sustainability
- Zero waste targets

**Gain the competitive advantage with CPM | Crown's expertise, equipment and world-class Global Innovation Center.**

Feeding, Fueling and Building **a Better World.**



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